

TARIVERDIYEV, L.; YAKHNINA, N.

Current problems in the wholesale textile trade. Sov. torg.  
36 no.1:5-8 Ja '63. (MIRA 16:2)  
(Textile industry)

~~TARIVERDIYEV, M. D.~~

Expansion of road construction in Azerbaijan. Avt.dor.  
23 no.11:10 N'60. (MIRA 13:11)  
(Azerbaijan--Road construction)

NEGREYEV, V.F.; ALLAKHVERDIYEV, G.A.; TARIVERDIYEV, R.D.; KULIYEVA, A.S.

Study of the propagation of corrosion damage of steel pipes with time as dependent on the composition and structure of saliniferous soils. Azerb. khim. zhur. no.1:79-82 '65. (MIRA 18:7)

1. Institut khimii AN AzerSSR.

BUCHAYEV, S.F.; ISMAILOV, S.A.; TARIVERDIYEV, R.D.; KULIYEVA, A.S.

Using of plastic in saline soils. Gaz. dele no.5:12-20 '65.  
(MIRA 18:6)

I. Institut khimii AN AzSSR.

ALLAKHVERDIYEV, G.A.; TARIVERDIYEV, R.D.; EFENDIZADE, S.M.; SAMEDOV, Yu.G.;  
KULIYEVA, A.S.

Corrosion of steel in saline soils. Azerb.khim.zhur. no.4:65-69  
'65. (MIRA 18:12)

1. Institut khimii AN AzerbSSR. Submitted July 13, 1964.

**FARVERNIYEVA, S.A.**

CA

PROCESSES AND PROPERTIES INDEX

Phytochemical study of lion's ear (*Leonurus cardiacus* L.) occurring in Azerbaijan. S. A. Farverniyeva (Azerbaijan Govt. Med. Inst.). *Farmatsiya* 9, No. 8, 15-17 (1948).—Dried lion's ear plants contain 0.35% alkaloids, saponins, 2.14% tannins, bitter principles, 2.6% carbohydrates (3.72% after hydrolysis), 0.05% essential oil, and traces of vitamins A and C, but no glycosides, anthraglycosides, starch or vitamin D or K. The observed sample had 7.55% moisture and gave 11% ash.

Julian P. Smith

17

ASSOCIATED METALLURGICAL LITERATURE CLASSIFICATION

SEARCHED	INDEXED	SERIALIZED	FILED	COLLATION	RECEIVED

TARIVERDIYEVA, S. A.: Master Pharmaceut Sci (diss) -- "Material for a study of the chemical composition and dynamics of galenical-pharmaceutical preparations from various species of grass grown in Azerbaydzhan". Baku, 1959. 24 pp (Tbilisi State Med Inst), 220 copies (KL, No 18, 1959, 129)

TARIVERDIYEVA, S.A.

Materials from a study of the chemical composition of and  
galenopharmaceutical preparations from grasses of various species  
of Fumaria growing in Azerbaijan. Apt. delo 9 no. 5:92-93  
S-O '60. (MIRA 13:10)  
(AZERBAIJAN—FUMARIA) (ALKALOIDS)



L 32684-66 EWT(m)/EWP(v)/T/EWP(t)/ETI/EWP(k) JD/HM

ACC NR: AP 6012286 (N) SOURCE CODE: UR/0125/65/000/011/0077/0078

AUTHOR: Yakobashvili, S. B.; Mikaberidze, R. G.; Tariyelashvili, M. G.; Gzirishvili, T. V.

ORG: none

TITLE: Surface tension of AN-291 and AN-292 fluxes

SOURCE: Avtomaticheskaya svarka, no 11, 1965, pp 77-78

TOPIC TAGS: electroslag melting flux, surface tension, fluorine, metal melting/  
/AN-291 electroslag melting flux, AN-292 electroslag melting flux

ABSTRACT: Surface effects at the metal-slag and metal-gas interfaces are of major significance to the course of the electroslag melting of metals underneath synthetic slags. Hence it is important to know the parameters of these effects and their dependence on the chemical composition of the metal and slag, as well as on the ambient medium. Until recently  $\text{CaF}_2$  has been a principal component of the fluxes used in welding and electroslag melting. Now, however, that the Ye. O. Paton Institute of Electric Welding has developed fluorine-free fluxes (based on  $\text{CaO-Al}_2\text{O}_3\text{-MgO}$ ), it was of interest to compare surface tension for these fluxes with surface tension for fluorine-containing fluxes (based on  $\text{CaF}_2\text{-Al}_2\text{O}_3\text{-CaO-Mg-O}$ ).

Card 1/2

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Accordingly, surface tension of the F-containing AN-291 flux was compared with that of the F-free AN-292 flux by determining the maximum pressure in the gas bubble (for description of the test method, cf. S. B. Yakobashvili et al. *Avtomaticheskaya svarka*, no 8, 1965) with the aid of corundum capillaries of 4.5 mm diameter which were plunged into the melt to a depth of 5 mm. Surface tension  $\sigma$  was determined from the formula

$$\sigma = \frac{rg}{2} P \left( 1 - \frac{2}{3} \cdot \frac{r\rho}{P} - \frac{1}{6} \cdot \frac{r^2 \rho^2}{P^2} \right),$$

where  $r$  is the inside radius of the capillary, cm;  $g$  is the acceleration due to gravity, cm/sec<sup>2</sup>;  $P$  is the maximum pressure in the bubble, cm H<sub>2</sub>O; and  $\rho$  is the density of slag at a given temperature, g/cm<sup>3</sup>. On this basis it is found that the surface tension of the flux AN-291 is lower (430 dynes/cm) than that of the fluorine-free flux AN-292 (610 dynes/cm). The reason for this difference is that the presence of CaF<sub>2</sub> in the flux AN-291 causes the appearance of weak F<sup>-</sup> ions which weaken the bond between the surface ions and the bulk of the melt and thus reduce surface tension. Orig. art. has: 1 table.

SUB CODE: 11, 13. SUBM DATE: none/ ORIG REF: 002

Card 2/2 BLG

TARJAN, B., D.eng.sc.

On the instrumentation of logical problems. Acta techn Hung 27  
no.3/4:371-383 '59. (EAI 9:6)

1. Department for Wireless Telecommunication, Technical  
University, Budapest.  
(Calculating machines)

TARJAN, D.

"Determination of tetraethyllead in ethylated gasolines." (p.14). Vol. 5, no. 1, Jan. 1954

SO: East European Accessions List. Vol. 3, No. 8, August 1954.

HUNG.

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TARJAN, D.

"Water and Salt Deposits in Raw Petroleum from Yraser Field", p. 251,  
(NAFTA, Vol. 5, No. 9, September 1954, Zagreb, Yugoslavia)

SC: Monthly List of East European Accessions (SEAL), LC, Vol. 7, No. 3,  
March 1955, Uncl.

TARJAN, DURO

Yugoslavia /Chemical Technology. Chemical Products and Their Application I-12

Silicates. Glass. Ceramics. Binders.

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 31648

Author : Tarjan Duro, Lovreck Ivan

Title : Current Methods of Cementing Petroleum and Gas Wells

Orig Pub: Nafta (Jugosl.), 1956, 7, No 6, 172-183

Abstract: Consideration of problems of well cementing, building of cement plants, production of different varieties of cements and mixtures thereof. A comparative evaluation is made of the quality of domestic and American cements.

Card 1/1

TARJAN, DURO

YUGOSLAVIA/Chemical Technology. Chemical Products and Their  
Application. Treatment of Natural Gases and Petroleum.  
Motor and Rocket Fuels. Lubricants.

H-23

Abs Jour: Referat Zhur-Khimiya, No 5, 1958, 15795.

Author : Tarjan Duro

Inst :

Title : Determination of Paraffin in Croatian Crude Petroleum.

Orig Pub: Nafta (Jugosl.), 1956, 7, No 10, 308-311.

Abstract: The author utilized the method of measuring the temperature at which turbidity occurred to determine the paraffin content of Croatian petroleum being processed at a local petroleum refinery.

Card : 1/1

TARJAN, DURO

YUGOSLAVIA/Leather, Fur, Gelatins, Tanning Materials,  
Technical Albumins.

H.

Abs Jour : Ref Zhur - Khimiya, No 19, 1958, 66330

Author : Tarjan Duro, Kunst Melita

Inst :

Title : The Possibility of the Use in the Tanning Industry of Sodium from the Washing Waters Left After the Refining of Petroleum Gases.

Orig Pub : Koza i obuca, 1957, 6, No 10, 349-352.

Abstract : In the oil-refining plant in the city of Sisak, experiments were conducted on the utilization of washing waters left after gas refining for the depilating of hides. The composition of the washing waters (in g in 100 ml) is:  $\text{Na}_2\text{S}$  6.8-12.8; alkalinity (in conversion to NaOH) 1.36-6.93;  $\text{sum Na}_2\text{SO}_3 = \text{Na}_2\text{S}_2\text{O}_3$  0.14-3.65; pH  $\sim$  11.0; ratio NaSH:NaOH 1:0.72 (in moles).

Card 1/2



YUGOSLAVIA/Leather, Fur, Gelatins, Tanning Materials,  
Technical Albumins.

H.

Abs Jour : Ref Zhur - Khimiya, No 19, 1958, 66330

A coating mixture and depilating solutions are prepared from the washing waters, according to the usual method with added lime, NaCl CaCl<sub>2</sub> and water, which are then used on pieces of hides. Results were positive: the hair came off, the bareness appeared normal. The method has still not been carried out in production conditions.

Card 2/2

APPROVED FOR RELEASE: Thursday, September 26, 2002    CIA-RDP86-00513R001755010011-0  
APPROVED FOR RELEASE: Thursday, September 26, 2002    CIA-RDP86-00513R001755010011-0"

7  
Phenols and homologs in the spent caustic from refining  
catalytically cracked gasoline. *Dinco Tarjan and Emilija  
Knezevic-Lohic (Rahnerita, Glsak). Nolit (Yugoslavia) 8,  
360-3(1967).*—Extn. of straight-run and catalytically  
cracked gasoline with 10% NaOH soln. yielded 90-11% of a  
phenol mixt./ton of gasoline, from which phenol, *o*-, *p*-,  
and *m*-cresol, and xylene were isolated. N. Plavlic

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Disc: 4E3d

*Sam Gaf*

TARJAN, U.

✓ Sulfur in [Yugoslav] crude oils. II. Distribution of sulfur in the straight-run and vacuum distillate fractions. Djuro Tarjan, Emilija Knežević-Lolic, and Marija Berot (Rahnerija nafte, Sisak). *Nafte* (Yugoslavia) 9, 149-53 (1958); cf. *C.A.* 52, 21019c.—Data for Mramor Brdo, Bunjani, Dugo Selo, Jermenovac, Kloštar, Filovec, and Lendava crude oils are given and compared with those of Iraq and Russian Sokolovgrad oils. N. Playšić

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1

Distr: hE3d

TARJAN, Duro, inz.

Waste water in the Sisak Petroleum Refinery, and the law  
of Water Protection. Nafta Jug 13 no. 11/12:320-329 N-D '62.

1. Petroleum Refinery, Sisak.

*Olso - Mung & Treatment*

5

**Contribution to the Kinematics of the Cyclon and Cyclon  
Scrubbers.** (I. Tazjan. *Acta Technica Academiae Scientiarum  
Hungaricae.* [In German]. An analysis of the design  
and performance of cyclon separators used for solids suspended  
in liquid or gaseous media is given, and the results are illus-  
trated by means of practical examples relating to the separa-  
tion of magnetite, quartz grains, and coal dust in aqueous  
suspension, as well as for dust particles in a gas. —P. r.

*Proc. Mining & Treatment*

5

Experiments on Preparing Kumló Coal for Coking by the Wet Method. G. Turján. (*Acta Technica Academiae Scientiarum Hungaricae*, 1931, 1, 2, 133-163). [In German]. Results of experiments carried out by the author on preparing Kumló lignite coal for coking by the wet method are given in numerous tables and diagrams. The 'heavy-media' method and flotation are recommended.—P. F.

Ca

The calculation of errors in ore dressing. G. Tarján.  
Roy. Hung. Palatin-Joseph Univ. Tech. Econ. Sci., Pub.  
Dezso. *Mag. Mat.* 9, 291-42 (1937).--The effect of pro-  
cessing and regular errors in deig. the metal contents of  
ore reduction velocity at 750°. Also in *Iron Steel Ind.* 11,  
421-34 (1938). F. G. Norris

9

ASME-ISA METALLURGICAL LITERATURE CLASSIFICATION

Microfilm frame with perforations and classification markings.



S

2

Modern Trends in the Preparation of Ore and Coal. G. Tarjan. (Banyasati es Kohaszati Lapok, 1950, vol. 5, Mar.-Apr., pp. 146-156). [In Hungarian]. The modern methods of ore and coal preparation are described. These include the heavy-media process, the cyclone, the Humphrey spiral, and the Martiny pneumatic table. The application of these processes in Hungary is considered and results obtained with some Hungarian coals are given. The Martiny table was developed in Hungary. It is a fluidization process using compressed air, the pulsations of which can be varied between 6000 and 10,000 cycles/min. The results obtained in practice with the Martiny are shown graphically.--E. G.

ASS-SLA METALLURGICAL LITERATURE CLASSIFICATION

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LIST AND / AND ORDER PROCESSED AND PROPERTIES INDEX

F

C

916. MCHANISM OF THE CYCLONE. Tarjan, G. (Banyasz. Kohasz. Lapok (J. Min. Smelt.), Nov 1950, vol. 83, 610-614; abstr. in bull. Instn Min. Met., Mar. 1951, (Trans., vol. 60, Pt G, 1950-51), A274. This is a mathematical treatment of the mechanics of cyclones. The author describes the separation of dust from gases, and particles from liquid suspensions, as in mineral dressing operations. Information of the particle size, dimensions of the separation of various minerals (magnetite, galena, etc.), from gangue material are given.

ASB-51A METALLURGICAL LITERATURE CLASSIFICATION		FROM SOURCE	
MATERIAL NUMBER		COLLECTION	
GROUP #	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	0	A B C D E F G H I J K L M N O P Q R S T U V W X Y Z



PROCESSES AND PROPERTIES INDEX

F

4738. PRODUCTION OF COAL WITH LIMITED ASH CONTENT. Tarjan, G. (Banyassati Kohassati Lapok (Budapest), 1949, vol. 4, (L), 2-4; abstr. in Gluckauf, 10 Sept. 1949, vol. 85, 692). This paper deals with the possibility of reducing the ash content of Hungarian coal by flotation, and using the extracted coal for making anodes for use in aluminium production. Coal with an ash content below 1% was produced from two types of Hungarian coal.

COMMON (LITERATURE)

GENERAL INDEX

ASH-SEA METALLURGICAL LITERATURE CLASSIFICATION

FROM SOURCE

SYMBOLS: A B C D E F G H I J K L M N O P Q R S T U V W X Y Z  
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100



C

F

934. PRODUCING COKABLE COAL FROM COAL OF KOMLÓ BY MEANS OF A NEW  
PREPARATION. Tarjan, G. (Acta Tech. Acad. Sci. Hung., 1951, vol. 1,  
133-163; see abstr. in Chem. Abstr., 1951, vol. 45, 8738).



ca

9

Flotation experiments with Roach ores. The selective flotation of enargite and pyrite. II. G. Tarján. *Rev. Min. Pabala-Joseph Univ. Tech. Pabala* (1941). *Mon. Met.* 12, 274 (1941). (*Chem. Zentr.* 1943, I, 103; *C. A.* 38, 1451). - Expts. are reported on the flotation of pure enargite, pure pyrite and a mixt. of both in the alk. pulp with TT mixt. (20% thioacetamide and 80% *n*-toluene) as a collector and camphor oil as a frothing agent. In the flotation of enargite with TT mixt. the floating effect decreases beyond a certain alk. However, with TT mixt., in contrast to xanthate, it is possible to float the coarse enargite even in alk. pulp. The coarse pyrite is not floated by TT mixt. even in an acid pulp. The addn. of a relatively small amt. of lime reduces the flotation of the fine pyrite. Selective flotation of the enargite-pyrite mixt. can be successfully accomplished with a small amt. of lime and without the use of cyanide.

G. Moore

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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G. TARJAN.

"Contributions to the classical theory of jiggling." p. 79 (ACTA TECHNICA ACADEMIAE  
SCIENTIARUM HUNGARICAE, Vol 6, no. 1/2, 1953, Budapest, Hungary)

SO: Monthly List of East European Accessions, L.C., Vol. 2 No. 7, July 1953, Uncl.

TARJAN, C.

"On the Theory and Use of the Hydrocyclone." In English. p. 389 (ACTA TECHNICA, Vol. 7, No. 3/4, 1953) Budapest, Hungary

SO: Monthly List of East European Accessions, Library of Congress, Vol. 3, No. 4, April 1954. Unclassified.

INDEX AND PROPERTY INDEX

F

C

5099. IMPROVING HUNGARIAN LIASSIC COKE COALS BY MEANS OF FLOTATION.  
Tarjan, G. (Banyasz. Kohasz. Lapok (N.S.), 1947, vol. 2, 66-69;  
abstr. in Chem. Abstr., 20th April, 1948, vol. 42, 2743). Flotation  
experiments were made on Komlo and Szaszvar Liassic coals, with  
refined Diesel oil, tar oil, petroleum, phenol, pine oil, soda,  
KMnO<sub>4</sub>, K<sub>2</sub>Cr<sub>2</sub>O<sub>7</sub>, tannic acid, and starch as reagents in various  
concentrations and mixtures. The flotation products were tested  
for coking qualities. The ash content of coal can be significantly  
decreased by flotation. Flotation by starch separated also vitrite  
in Komlo coal. The coking qualities of Hungarian Liassic coals  
deteriorate on storage. Dressing experiments should, therefore,  
be made with fresh coals.

C.A.

CONCISE ELEMENTS

MATERIALS INDEX

438.314 METALLURGICAL LITERATURE CLASSIFICATION

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PROCESSES AND PROPERTIES INDEX

21

*Errors of data of washability curves in coal dressing.*  
*O. Tschischky, Roy. Hung. Palatin-Joseph Univ. Tech. Univ. Ser., Sopron, Pub. Dept. Mining Met. 7, 397-436 (1935).—Errors detd. in washability curves amounted in general to 0.1%. Calcns. showed that at an ash content of 30% in coals the probable error reaches 0.1064%. For smaller ash content it decreases somewhat. Also the probable errors of moisture detns. are discussed.*  
 S. S. de Fudy

Common variable codes

Common variable codes

A 50-55A METALLURGICAL LITERATURE CLASSIFICATION

SEARCH SYMBOLS

SEARCHED INDEXED

ABSTRACTED

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

SEARCHED INDEXED ABSTRACTED

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

CP

31

Method for the proper evaluation of effects of coal dressing. *Q. Tschirn*—*Ray, Hung. Palatin-Joseph Univ. Tech. Econ. Sci., Sopron, Pub. Dept. Mining Mat.* 7, 378-80(1935).—Calc. coal output and efficiency of coal dressing from ash contents does not give reliable values. A modification of present calcn. methods is proposed by transforming the "ash" basal curve into the "gang" curve, which latter should serve as a basis for the calcn. S. S. de Finály

COMMON VALUES

COMMON VALUES

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

GROUP	SECTION	SUBSECTION	CLASSIFICATION	INDEX
1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20
21	22	23	24	25
26	27	28	29	30
31	32	33	34	35
36	37	38	39	40
41	42	43	44	45
46	47	48	49	50
51	52	53	54	55
56	57	58	59	60
61	62	63	64	65
66	67	68	69	70
71	72	73	74	75
76	77	78	79	80
81	82	83	84	85
86	87	88	89	90
91	92	93	94	95
96	97	98	99	100



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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32  
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z AA AB AC AD AE AF AG AH AI AJ AK AL AM AN AO AP AQ AR AS AT AU AV AW AX AY AZ BA BB BC BD BE BF BG BH BI BJ BK BL BM BN BO BP BQ BR BS BT BU BV BW BX BY BZ CA CB CC CD CE CF CG CH CI CJ CK CL CM CN CO CP CQ CR CS CT CU CV CW CX CY CZ DA DB DC DE DF DG DH DI DJ DK DL DM DN DO DP DQ DR DS DT DU DV DW DX DY DZ EA EB EC ED EE EF EG EH EI EJ EK EL EM EN EO EP EQ ER ES ET EU EV EW EX EY EZ FA FB FC FD FE FF FG FH FI FJ FK FL FM FN FO FP FQ FR FS FT FU FV FW FX FY FZ GA GB GC GD GE GF GH GI GJ GK GL GM GN GO GP GQ GR GS GT GU GV GW GX GY GZ HA HB HC HD HE HF HG HH HI HJ HK HL HM HN HO HP HQ HR HS HT HU HV HW HX HY HZ IA IB IC ID IE IF IG IH II IJ IK IL IM IN IO IP IQ IR IS IT IU IV IW IX IY IZ JA JB JC JD JE JF JG JH JI JJ JK JL JM JN JO JP JQ JR JS JT JU JV JW JX JY JZ KA KB KC KD KE KF KG KH KI KJ KL KM KN KO KP KQ KR KS KT KU KV KW KX KY KZ LA LB LC LD LE LF LG LH LI LJ LK LL LM LN LO LP LQ LR LS LT LU LV LW LX LY LZ MA MB MC MD ME MF MG MH MI MJ MK ML MN MO MP MQ MR MS MT MU MV MW MX MY MZ NA NB NC ND NE NF NG NH NI NJ NK NL NO NP NQ NR NS NT NU NV NW NX NY NZ OA OB OC OD OE OF OG OH OI OJ OK OL OM ON OP OQ OR OS OT OU OV OW OX OY OZ PA PB PC PD PE PF PG PH PI PJ PK PL PM PN PO PP PQ PR PS PT PU PV PW PX PY PZ QA QB QC QD QE QF QG QH QI QJ QK QL QM QN QO QP QQ QR QS QT QU QV QW QX QY QZ RA RB RC RD RE RF RG RH RI RJ RK RL RM RN RO RP RQ RR RS RT RU RV RW RX RY RZ SA SB SC SD SE SF SG SH SI SJ SK SL SM SN SO SP SQ SR SS ST SU SV SW SX SY SZ TA TB TC TD TE TF TG TH TI TJ TK TL TM TN TO TP TQ TR TS TT TU TV TW TX TY TZ UA UB UC UD UE UF UG UH UI UJ UK UL UM UN UO UP UQ UR US UT UY UZ VA VB VC VD VE VF VG VH VI VJ VK VL VM VN VO VP VQ VR VS VT VY VZ WA WB WC WD WE WF WG WH WI WJ WK WL WM WN WO WP WQ WR WS WT WY WZ XA XB XC XD XE XF XG XH XI XJ XK XL XM XN XO XP XQ XR XS XT XU XV XW XX XY XZ YA YB YC YD YE YF YG YH YI YJ YK YL YM YN YO YP YQ YR YS YT YU YV YW YX YZ ZA ZB ZC ZD ZE ZF ZG ZH ZI ZJ ZK ZL ZM ZN ZO ZP ZQ ZR ZS ZT ZU ZV ZW ZX ZY ZZ

1312

Mechanics of the cyclone. G. T. Tjeltveit (Bjørnsdottir & Kollström  
Lapod, 1958, p. 316-318). *Food Sci. Technol.*, 1961, 2(2), 88.—The  
laws governing the theory of cyclones for changing zones are analyzed  
mathematically. R. B. CLARKE

ASAC-SEA METEOROLOGICAL LITERATURE CLASSIFICATION

33000-33999

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33000 33001 33002 33003 33004 33005 33006 33007 33008 33009 33010 33011 33012 33013 33014 33015 33016 33017 33018 33019 33020 33021 33022 33023 33024 33025 33026 33027 33028 33029 33030 33031 33032 33033 33034 33035 33036 33037 33038 33039 33040 33041 33042 33043 33044 33045 33046 33047 33048 33049 33050 33051 33052 33053 33054 33055 33056 33057 33058 33059 33060 33061 33062 33063 33064 33065 33066 33067 33068 33069 33070 33071 33072 33073 33074 33075 33076 33077 33078 33079 33080 33081 33082 33083 33084 33085 33086 33087 33088 33089 33090 33091 33092 33093 33094 33095 33096 33097 33098 33099

*Full Abstract*

*Experiments & Field work 10*

332D. CONTRIBUTION TO KINEMATICS OF THE CYCLONE AND CYCLONE SCRUBBERS.  
Tarjan, G. (Acta Tech. Acad. Sci. hung., abstr. in J. Iron St. Inst.,  
July 1952, vol. 171, 315). An analysis of the design and performance of  
cyclone separators used for solids suspended in liquid or gaseous media  
is given, and the results are illustrated by means of practical examples  
relating to the separation of magnesite, quartz grains and coal dust in  
aqueous suspension, as well as to dust particles in gas streams. W.D.



131

**Preparing Kanió coal for coking by the wet method. G. Tarján.**  
(*Acta tech. Acad. sci. Hung.*, 1951, 1, No. 2, 123-163; *J. Iron. Steel Inst.*, 1952, 171, 314).—Results of coal-cleaning tests are given. The heavy-medium process and flotation are recommended.  
\* H. CLARK.

AM

555. Tarján, G., Mechanics of the cyclone (in Hungarian). *Magyar Mérnök Szakmai Híradó, Budapest, 1950, No. 11, 101-104, Nov. 1950.*

Author investigates the laws of kinetic phenomena in cyclones, which are utilized in dust-removal equipment for gas, in washing apparatuses for minerals, in concentrators, in separators, and slime thickeners. The number of whirls as well as the length of time the gas remains in the dust-removing part of the cyclone are determined for the various cyclones and given diameters. The investigations were extended to the washing of coal in order to reduce the ash content of fine-grained coal and to the separation of slime suspensions, which contain mineral of various specific gravity. In the event slimes do not contain heavy suspensions, cyclones act as effective slime thickeners, and the thick slime flowing from the discharge openings may contain as much as 70 to 80% of the solid particles contained in the raw slime. The calculations are based on Stokes' viscosity values, which, however, require corrections in the function of the Reynolds number according to the curve  $\nu = f(R)$ .  
*Courtesy Hungarian Technical Abstracts*

118

CA

**Experiments on the etiology of eclampsia.** L. Péteri and Gy. Targan. (Univ. Budapest). *Gynaecologia* 129, 350-8 (1950). — Blood serum of nephropathic patients contains a substance which has a depressor effect on rats anesthetized with urethan. The substance is not identical with choline, histamine, renin, angiotensin, angiotensase, or any substance developed on blood clotting. During eclamptic attacks the depressor substance disappears. To explain the paradox of high blood pressure and presence of a depressor substance, it is suggested that in the nephropathic mother the depressor substance in the blood acts to cause overcompensation and resulting high blood pressure.

Ruth B. Pitt



ca

Improving Hungarian Liasic coke coals by means of flotation. GYMATY Tarján. Bányász. Közle. Lapok [N.S.] 2, 67-9 (1947). Flotation expts. were made on Koubó and Sasavár Liasic coals, with refined Diesel oil, Koubó and Sasavár Liasic coals, with refined Diesel oil, petroleum, phenol, pine oil, soda, K<sub>2</sub>MnO<sub>4</sub>, K<sub>2</sub>Cr<sub>2</sub>O<sub>7</sub>, tannic acid, and starch as reagents in various concns. and mists. The flotation products were tested for coking qualities. The ash content of coal can be significantly decreased by flotation. Flotation by starch sepd. also Liasic coals deteriorate on storage. Dressing expts. should, therefore, be made with fresh coals. I. P.

ASM-A METALLURGICAL LITERATURE CLASSIFICATION

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99
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C. A.

Modern trends in the preparation of ore and coal. Gusman  
Nav Tarikh. Banjaya. Kohira. Lapok 5. 148-60 (1951).  
K. G. 1951

CA

Producing cokable coal from the coal of Komló by means  
of a wet preparation. *Gusztáv Tarján, Bányász. Közlés.*  
*Lepök 63, 200-78, 311-19(1949).* Lassic coal from the  
Komló mines seemed to give best results when the method  
of heavy suspensions with magnetic medium and flotation  
was applied. The properties of coal influencing the effects  
of prepn. are described. 1. Finally

CA

21

Producing cokable coal from the coal of Kemló by means  
of a wet preparation. *Quart. Journ. Arts Tech. Acad.  
Sci. Hung.* 1, 133 (1951) (in German).--See C.A. 45,  
3148g. R. M. S.



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TARJAN, G.

797\* Contributions to the Classical Theory of Drag.  
(English) G. Tarjan, *Acta Technica Academiae Scientiarum  
Hungaricae*, v. 6, nos. 1-2, 1953, p. 79-121.  
Discusses the motion of a solid body in a pulsating up-and-  
down current. Tables, graphs, diagrams.

IAKJAN, G.

B. T. R.  
June 1954  
Chemical Engineering

② Matt

V7561: On the Theory and Use of the Hydrocyclone.  
(English.) G. Tarián, *Acta Technica Academiae Scientiarum  
Hungaricae*, v. 7, nos. 3-4, 1953, p. 389-411.  
Theory of operation and advantages in coal dressing and ore  
beneficiation. Tables, graphs, 11 ref.

TARJAN, G.

"Washing Komlo Bituminous Coal in a Laboratory Hydrocyclone." In English, p. 69, Budapest, Vol. 5, no. 1, 1952.

SO: East European Accessions List, Vol. 3, No. 9, September 1954, Lib. of Congress

TARJAN, Gusztav

(1) 2

13315\* (Washing Experiments on 0-40 mm. Petőfőbánya Lignite.) 40—0 mm-es petőfőbányai lignittal végzett mosási kísérletek. Gusztáv Tarján. Bányászati Lapok, v. 9, no. 5, May 15, 1954, p. ~~300-303~~.  
Elimination of clay and sand. Experimental details and results. Flowsheets, graphs, tables.

MF  
10-1-54

Tarjan, G.

Production of barite from iron ore at Rudabanya. P. 271  
Vol. 13, no. 4, 1954, Budapest, Hungary KÖZLEMENYEI

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No.3,  
March, 1956

HUNG

89. Experiments with washing in a non-ionic  
front, Petőfibánya - G. Tarján. (Bányászati Lapok -  
Vol. 9 (1971), 1954 No. 5, pp. 232-238, 7 figs., 5



"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010011-0  
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TARJAN, G.

Account of some investigations made by the Faculty of Ore and Coal Dressing in 1953; also, remarks by J. Varga and others. p. 357. KOZLEMENYEI. Budapest. (Reports issued by the Section of Technical Sciences, Hungarian Academy of Sciences. Quarterly) Vol. 14, No. 1/3 1954

SOURCE: East European Accessions List (EEAL) Library of Congress Vol. 5, No. 6, June 1956

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TARJAN, G.

"Contributions to the kinematics of the hydraulic cyclone."

p. 513 (Banyaszati Lapok) Vol. 12, no. 10/11, Oct./Nov. 1957  
Budapest, Hungary

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,  
April 1958

TRJAN, C.

Contribution to the kinematics of the hydrocyclone

R. 349 ( ACTA TECHNICA) Vol. 18, no. 3/4, 1957, In English  
Budapest, Hungary

SC: Index of Monthly East European Accessions (EEAI) Vol. 7, no. 3, 1958, LC

COUNTRY : Hungary H-22  
CATEGORY :  
ABS. JOUR. : RZKhis, No. 22 1959 No. 79721  
AUTHOR : Tarjan, G.  
INST. : Not given  
TITLE : Diagram and Other Data on the Concentration of  
Hungarian Coals  
ORIG. PUB. : Banyasz Lapok, 13, No 2-3, 81-106 (1958)  
ABSTRACT : No abstract.

CARD: 1/1

Distr: 4E2c

21  
20. Settling velocity of solid grains in coarse dispersions.  
(In English) G. Tariásp. *Acta Technica Academiae  
Scientiarum Hungaricæ*. Vol. 20, 1958, No. 1-2, pp.  
197-207, 7 tabs.

In coarse dispersions the settling velocity of grains is obtained by multiplying the Newtonian value of the settling velocity of the particle  $v_s = C \sqrt{\frac{d(\delta-\gamma)}{\gamma}}$  valid for unhindered settling by multiplication factor  $f = k(1-\sigma^2)^2 \sqrt{\frac{(\delta-\gamma)\gamma}{(\delta-\gamma)\gamma}}$  where  $\sqrt{\frac{(\delta-\gamma)\gamma}{(\delta-\gamma)\gamma}}$  takes into account the increased specific gravity of the dispersoid in relation to a pure liquid,  $(1-\sigma^2)$  the free cross-sectional area of the liquid reduced by the presence of solid grains and  $k = \sqrt{c/c'}$  which is the drag coefficient of the medium increased by the decrease of the Reynolds number. Instead of  $(1-\sigma^2)$  the value  $(1-\gamma)$  can also be applied as a cross-section reduction factor.

HUNGARY/Chemical Technology. Chemical Products and Their  
Applications. Chemical Engineering.

H

Abs Jour: Ref Zhur-Khin., No 8, 1959, 27686.

Author : Tarjan, G.

Inst : Hungarian Academy of Sciences.

Title : On the Heavy Suspension Developing in the Hydrocyclone.

Orig Pub: Acta Tech Acad Sci Hung, 21, No 3-4, 387-402 (1958) (in  
English with summaries in German, French, and Russian).

Abstract: The particle size distribution and changes in the vis-  
cosity and specific gravity of suspensions are dis-  
cussed as a function of the relative radius. -- From  
a summary by the author.

Card : 1/1

COUNTRY : CDR  
CATEGORY : Chemical Technology. Chemical Products and Their Applications. Chemical Engineering.  
ABS. JOUR. : RZhKhim., No 19, 1959, No. 68126

AUTHOR : Tarjan, G.  
INSTITUTE : -  
TITLE : Hydrodynamic Processes in a Hydrocyclone and Its Application in the Field of Heavy Suspensions.  
ORIG. PUB. : Neue Hutte, 1959, 4, No 2, 65-73

ABSTRACT : Reviewed is the distribution of fluid velocities, the relationship pertaining to the movement of different size solid particles, the hydraulic resistance, effect of the nozzle size, the relationship governing the movement of heavy suspensions, effects of density and viscosity of the heavy suspensions, problems of the hydrocyclone erosion. The bibliography covers 4 titles.

Card: 1/1



TARJAN, G., corresp. member of the hungarian Acad. of Sc.

Suggestion for a new characteristic of the tromp curve. Acta  
techn. Hung 27 no. 3/4:429-448 '59. (EEAI 9:6)

1. Department for Mineral Dressing, Technical University,  
Miskolc.

(Ores) (Probabilities)

TARJAN, Gusztav, Dr., okl.banyamernok, Kossuth-díjas egyetemi tanár

A proposal for a new index of the Tromp curve. Bany lap  
93 no.6:361-369 Je '60.

1. A Magyar Tudományos Akademia levelezo tagja, Nehezipari  
Muszaki Egyetem, Miskolc.

TARJAN, Gusztav, dr., okleveles banyamernok, a muszaki tudoma-  
nyok doktora, ketszeres Kossuth-dijas egyetemi tanar

Some theoretical questions of classification and enrichment  
of hydrocyclones. Bany lap 93 no. 9:584-596 S'60.

1. Magyar Tudomanyos Akademia levelezo tagja; Nehezipari  
Muszaki Egyetem Banyamernoki Kar Asvanyelokeszitestani  
Tanszek, Miskolc; "Banyaszati Lapok" szerkeszto bizottsagi  
tagja.

TARJAN, G., prof

Some theoretical questions on classifying and separating hydrocyclones.  
Acta techn Hung 32 no.3/4:357-388 '61. (EEAI 10:6)

1. Institute of Mineral Dressing, Technical University, Miskolc.  
Corresponding member of the Hungarian Academy of Sciences.  
(Separators (Machines))

TARJAN, Gusztav, Dr., okl. bányamérnök, a muszaki tudományok doktora,  
készszeres Kossuth-díjas egyetemi tanár.

Determination of the peripheral speed occurring on the radius  
of hydrocyclone on the basis of the speed of the entering pulp.  
Bány lap 94 no.6:361-368 Je '61.

1. Nehézipari Muszaki Egyetem, Bányamérnöki Dar, Miskolc, a magyar  
Tudományos Akadémia levelező tagja.

TARJAN, Gusztav, dr., okl. banyamernok, a muszaki tudomanyok doktora, ketszeres  
Kossuth-dijas egyetemi tanar

Contribution to the appraisal of the value of coals as well as the  
economy of mining and coal washing in relation to national economy.  
Bany lap 94 no.11:734-739 N '61.

1. Nehézipari Muszaki Egyetem, Banyamernoki Kar, Miskolc, Magyar  
Tudományos Akademia levelezo tagja Szerkeszto bizottsagi tag, "Bany-  
aszati Lapok".

TARJAN, Gusztav, Dr., okl. bányamérnök, a muszaki tudományok doktora,  
készenes Kossuth-díjas egyetemi tanár

Some data of the analytics of medium flow and pressure drop of  
hydrocyclones. Bany lap 95 no.3:159-166 Mr. '62.

1. A Magyar Tudományos Akadémia levelező tagja. Nehézipari Muszaki  
Egyetem, Bányamérnöki Kar, Miskolc

TARJAN, Gusztav, dr., okleveles bányamernok, a muszaki tudományok doktora,  
készszeres Kossuth-díjas egyetemi tanár

Proposals for compiling methods for the determination of coal dressing  
and the practical application of coal washing curves. Bány lap 96  
no.4:218-228 Ap '63.

1. Magyar Tudományos Akadémia levelező tagja; Nehézipari Muszaki  
Egyetem, Bányamernoki Kar, Miskolc; "Bányászati Lapok" szerkesztő  
bizottsági tagja.



TARJAN, Gusztav, dr., okleveles bányamérnök, a muszaki tudományok  
doktora, kétszeres Kossuth-díjas egyetemi tanár

Floatability data on the pyrites of coal seams. Bany lap  
96 no.9: 577-579 8 '63.

1. Magyar Tudományos Akadémia levelező tagja; Nehézipari  
Műszaki Egyetem, Miskolc; "Bányászati Lapok" szerkesztő  
bizottsági tagja.

TARJAN, Gusstav, dr.

Forés effects of coal pelletizing. Koh lap 96 no.12:529-533  
D '63.

TARJAN, Gusztav

Specific power impulses in hydrocyclones. Muszaki kozl MTA  
33 no.1/4:329-350 '64

1. Magyar Tudományos Akademia levelezo tagja.

TARJAN, Gusztav, dr., okleveles banyamernok, Kossuth-dijas egyetemi tanar.

Data on the economy of washing steam coals. Bany lap 97 no.1:  
1-11 Ja'64.

1. Nehézipari Műszaki Egyetem Banyamarnoki Kar, Miskolc; Magyar Tudományos Akadémia levelező tagja; "Bányászati Lapok" szerkesztő bizottsági tagja.

TARJAN, Gusztav, dr., okleveles banyamernok, a muszaki tudomanyok  
doktora, Kossuth-dijas egyetemi tanar

Economy of washing the primary dust in the lignite mines in  
the region of the Matra Mountains. Bany lap 97 no.11:729-  
735 N '64.

1. Chair of Mining Engineering, Technical University of  
Heavy Industry, Miskolce, Corresponding Member, Hungarian  
Academy of Sciences, and Editorial board member, "Banyaszati  
Lapok."

TARJAN, G.

The economy of coal mining and coal washing. Acta techn Hung  
48 no.3/4:287-334 '64.

1. Corresponding member, Hungarian Academy of Sciences, and  
Editorial board member, "Acta Technica Academiae Scientiarum  
Hungaricae."

TARNAI, Gy.

"New Arrangement for Filing, Marking, and Preserving Standards", p. 60,  
(SZABVANYOSITAS, Vol. 5, No. 4/5, Apr./May 1953, Budapest, Hungary)

SC: Monthly List of East European Accessions (EUAL), LC, Vol. 4, No. 3,  
March 1955, Uncl.

Garbat, Gy.

"Scope and Effect of Standards", P. 58, (SZABANYISITAS, Vol. 5, No. 4/5,  
Apr./May 1953, Budapest, Hungary)

SC: Monthly List of East European Accessions (EEAL), LC, Vol. 4, No. 3,  
March 1955, Uncl.



TARJAN, G.

"Experiences with washing 40-0-mm lignite from Petogibanya." *Banyaszati Lapok, Budapest*,  
Vol. 9, No. 5, May 1954, p. 232.

SO: Eastern European Accessions List, Vol. 3, No. 11, Nov. 1954, L.C.

TARJAN, GY.

Relationship between standards and delivery contracts. p. 112.  
Vol 5, no. 7/8, July/Aug. , 1953. SZABVANYOSITAS. Budapest, Hungary.

So: Eastern European Accession. Vol 5, no. 4, April 1956

TARJAN, GYORGY,  
JANOS AGOSTON, Orvosi Hetilap 90, 154-6(1949)

**HECHNITZ, K.; TARJAN, G.**

**Role of the placenta in active tuberculosis. *Magy. Moorv. lap.* 14  
no.11:334-337 Nov 1951. (CML 21:2)**

**1. Doctors. 2. First Women's Clinic (Director -- Prof. Dr. Bela Horn),  
Budapest Medical University.**

**VARSA NYI, G.; TARJAN, G.; PETERI, L.**

The ultraviolet spectrum of the toxic blood serum. *Magy. noorv.*  
lap. 15 no. 10:293-296 Oct 1952. (CMLL 23:5)

1. Doctors. 2. Branch of Physical Chemistry of Budapest Technical  
University (Director -- Prof. Dr. Geza Schay) and First Women's Clinic,  
Budapest Medical University (Director -- Prof. Dr. Bela Horn).

TARJAN G.

LA budapesti Orvostudományi Egyetem II. sz. Női klinikájának es. I sz. Női klinkájának közleménye. #A méhnyakrák es praeblastomatos rájnak luminescens-mikroszkópos vizsgálata. (Praeinvaziv carcinoma; rák, vagy praeblastomatosis?) A study of cervical cancer and pre-invasive carcinoma under the fluorescence microscope MAG. NOORV. LAPJA. 1954, 17/2 (71-76) Illus. 4

An attempt is made to give a conclusive answer to the question whether so-called 'pre-invasive cancer' of the cervix uteri is already carcinoma and must be treated as such or whether it should be regarded as an atypical cell-growth that only in a few instances changes into real cancer. With the fluorescence in microscope the inner structure of the cells can be seen better than in haematoxylin-eosin stained slides. In the authors' opinion the picture of pre-invasive carcinoma is exactly the same as what is seen in real invasive cancer. In so-called 'pre-carcinoma' one sees very gradual transitions from not yet malignant cell types to certainly carcinomatous cells. In these cases the UV picture reveals 2 different types of cells not discernible with the usual staining methods. A closer investigation into this matter is still in progress. Possibly this difference forms the key to the differential diagnosis.  
Van Hoytema - Rotterdam (X,5,16)

SO: Excerpta Medica  
Section V  
Vol. 7 No. 10

TARJAN, Gyorgy, dr.; GERGELY, Pal, dr.

Diagnostic and therapeutic results in the treatment of toxemia  
and eclampsia. (Hun) *Magy. noorv. lap.* 17 no. 15: 265-269. Sept 54.

1. Budapesti Orvostudományi Egyetem I. sz. Női Klinikájának  
közleménye (Igazgató: Horn Béla dr. egyetemi tanár)

(PREGNANCY TOXEMIAS

diag. & ther., results (Hun)

KISS, Ferenc, dr.; TARJAN, Gyorgy, dr.

Role of arterio-venous anastomoses in the system of the uterine artery. Magy. noorv. lap. 19 no.3:129-139 May 56.

1. A Budapesti Orvostud. Anatomiai Intezetnek (igaz. :Kiss, Ferenc dr. egyet tanar) es a Varosi Tanacs VB. Schopf.-Merei Agoston korhaz (igaz.:Suranyi, Gyula, dr.) szuleszeti osztalyanak kozlemenye. (Osztalyvezeto foorvos: Tarjan, Gyorgy, dr.).  
(UTERUS, blood supply  
arterio-venous anastomoses in uterine artery, classif.,  
anat. & histol. (Hun))



TARJAN, Gyorgy, Dr.

Results of cesarean sections of three years. *Magy. noorv. lap.* 21 no.3:  
166-172 June 58.

1. A Budapesti városi Tanács Sch/opf-Merei Agoston kórház (igazgató:  
Gergely Karoly dr.) szülészeti osztályának közleménye (Osztályvezető  
főorvos: Tarján György dr.)  
(CESAREAN SECTION, statist.  
(Hun))

TARJAN, Gyorgy, dr.

Causes of premature birth. Elet tud 19 no.37:1747-1749 11 3 '64.

## Nuclear Medicine

### HUNGARY

KARIKA, Zsigmond, Dr., TOPERCZER, Johanna, Dr., FUZY, Marton, Dr., TARJAN, Gyorgy, Dr., and VARSANYI, Rozsa, Dr., Department of Radiology at the National Institute of Oncology (Országos Onkológiai Intézet Radiológiai Osztály) [location not given] (Physician-in-Chief, Department Head: RODE, Istvan, Dr.).

"Experiences in the Scintigraphic Examination of the Spleen"

Budapest, Orvosi Hetilap, Vol 107, No 29, 17 Jul 1966, pp 1360-1362.

Abstract: The scintigrams were taken by using red blood corpuscles tagged with radioactive Cr-51 isotope. The optimum duration of heat treatment for the corpuscles was determined empirically in each case. The scintigrams were taken by a Siemens nucleograph with the patient laying on his side. The scintigrams were essentially identical regardless of time taken in the 1-24 hour period following administration of the administration of the Cr-containing saline solution. The experiences based on the preparation of 23 scintigrams were discussed. The technique was found to be useful. 10 references, including 2 German and 8 Western.

"Account of the work of the Permanent Committee of Physicists."  
Kozlemenyei, Budapest, Vol 3, No 3, 1953, p. 311

SO: Eastern European Accessions List, Vol 3, No 10, Oct 1954, Lib. of Congress

TARIVERDIYEV, L.; YAKHNINA, N.

Current problems in the wholesale textile trade. Sov. torg.  
36 no.1:5-8 Ja '63. (MIRA 16:2)  
(Textile industry)

~~TARIVERDIYEV, M. D.~~

Expansion of road construction in Azerbaijan. Avt.dor.  
23 no.11:10 N'60. (MIRA 13:11)  
(Azerbaijan--Road construction)

NEGREYEV, V.F.; ALLAKHVERDIYEV, G.A.; TARIVERDIYEV, R.D.; KULIYEVA, A.S.

Study of the propagation of corrosion damage of steel pipes with time as dependent on the composition and structure of saliniferous soils. Azerb. khim. zhur. no.1:79-82 '65. (MIRA 18:7)

1. Institut khimii AN AzerSSR.

BUCHAYEV, S.F.; ISMAYILOV, S.A.; TARIVERDIYEV, R.D.; KULIYEVA, A.S.

Using of plastic in saline soils. Gaz. dele no.5:12-20 '65.  
(MIRA 18:6)

I. Institut khimii AN AzSSR.



ALLAKHVERDIYEV, G.A.; TARIVERDIYEV, R.D.; EFENDIZADE, S.M.; SAMEDOV, Yu.G.;  
KULIYEVA, A.S.

Corrosion of steel in saline soils. Azerb.khim.zhur. no.4:65-69  
'65. (MIRA 18:12)

1. Institut khimii AN AzerbSSR. Submitted July 13, 1964.

**FAKVERNIYEVA, S.A.**

PROCESSES AND PROPERTIES INDEX

CA

Phytochemical study of lion's ear (*Leonurus cardiacus* L.) occurring in Azerbaijan. S. A. Farkverniyeva (Azerbaijan Govt. Med. Inst.). *Farmatsiya* 9, No. 8, 15-17 (1968).--Dried lion's ear plants contain 0.35% alkaloids, saponins, 3.16% tannins, bitter principles, 3.6% carbohydrates (3.72% after hydrolysis), 0.05% essential oil, and traces of vitamins A and C, but no glycosides, anthraglycosides, starch or vitamin D or K. The observed sample had 7.55% moisture and gave 11% ash.  
Julian P. Smith

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ASSOCIATED METALLURGICAL LITERATURE CLASSIFICATION

REPT. ORG. COUNTRY

FORM SYMBOLOGY

FORM SYMBOL

FORM SYMBOLOGY		FORM SYMBOL	
FORM NO.	SYMBOL	FORM NO.	SYMBOL
1	A	1	A
2	B	2	B
3	C	3	C
4	D	4	D
5	E	5	E
6	F	6	F
7	G	7	G
8	H	8	H
9	I	9	I
10	J	10	J
11	K	11	K
12	L	12	L
13	M	13	M
14	N	14	N
15	O	15	O
16	P	16	P
17	Q	17	Q
18	R	18	R
19	S	19	S
20	T	20	T
21	U	21	U
22	V	22	V
23	W	23	W
24	X	24	X
25	Y	25	Y
26	Z	26	Z

TARIVERDIYEVA, S. A.: Master Pharmaceut Sci (diss) -- "Material for a study of the chemical composition and dynamics of galenical-pharmaceutical preparations from various species of grass grown in Azerbaydzhan". Baku, 1959. 24 pp (Tbilisi State Med Inst), 220 copies (KL, No 18, 1959, 129)

TARIVERDIYEVA, S.A.

Materials from a study of the chemical composition of and  
galenopharmaceutical preparations from grasses of various species  
of Fumaria growing in Azerbaijan. Apt. delo 9 no. 5:92-93  
S-O '60. (MIRA 13:10)  
(AZERBAIJAN—FUMARIA) (ALKALOIDS)

L 32684-66 EWT(m)/EWP(v)/T/EWP(t)/ETI/EWP(k) JD/HM

ACC NR: AP 6012286 (N) SOURCE CODE: UR/0125/65/000/011/0077/0078

AUTHOR: Yakobashvili, S. B.; Mikaberidze, R. G.; Tariyelashvili, M. G.; Gzirishvili, T. V.

ORG: none

TITLE: Surface tension of AN-291 and AN-292 fluxes

SOURCE: Avtomaticheskaya svarka, no 11, 1965, pp 77-78

TOPIC TAGS: electroslag melting flux, surface tension, fluorine, metal melting/  
/AN-291 electroslag melting flux, AN-292 electroslag melting flux

ABSTRACT: Surface effects at the metal-slag and metal-gas interfaces are of major significance to the course of the electroslag melting of metals underneath synthetic slags. Hence it is important to know the parameters of these effects and their dependence on the chemical composition of the metal and slag, as well as on the ambient medium. Until recently  $\text{CaF}_2$  has been a principal component of the fluxes used in welding and electroslag melting. Now, however, that the Ye. O. Paton Institute of Electric Welding has developed fluorine-free fluxes (based on  $\text{CaO-Al}_2\text{O}_3\text{-MgO}$ ), it was of interest to compare surface tension for these fluxes with surface tension for fluorine-containing fluxes (based on  $\text{CaF}_2\text{-Al}_2\text{O}_3\text{-CaO-Mg-O}$ ).

Card 1/2

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ACC NR: AP6012286

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Accordingly, surface tension of the F-containing AN-291 flux was compared with that of the F-free AN-292 flux by determining the maximum pressure in the gas bubble (for description of the test method, cf. S. B. Yakobashvili et al. Avtomaticheskaya svarka, no 8, 1965) with the aid of corundum capillaries of 4.5 mm diameter which were plunged into the melt to a depth of 5 mm. Surface tension  $\sigma$  was determined from the formula

$$\sigma = \frac{rg}{2} P \left( 1 - \frac{2}{3} \cdot \frac{r\rho}{P} - \frac{1}{6} \cdot \frac{r^2\rho^2}{P^2} \right),$$

where  $r$  is the inside radius of the capillary, cm;  $g$  is the acceleration due to gravity, cm/sec<sup>2</sup>;  $P$  is the maximum pressure in the bubble, cm H<sub>2</sub>O; and  $\sigma$  is the density of slag at a given temperature, g/cm<sup>3</sup>. On this basis it is found that the surface tension of the flux AN-291 is lower (430 dynes/cm) than that of the fluorine-free flux AN-292 (610 dynes/cm). The reason for this difference is that the presence of CaF<sub>2</sub> in the flux AN-291 causes the appearance of weak F<sup>-</sup> ions which weaken the bond between the surface ions and the bulk of the melt and thus reduce surface tension. Orig. art. has: 1 table.

SUB CODE: 11, 13. SUBM DATE: none/ ORIG REF: 002

Card 2/2 BLG

TARJAN, B., D.eng.sc.

On the instrumentation of logical problems. Acta techn Hung 27  
no.3/4:371-383 '59. (EAI 9:6)

1. Department for Wireless Telecommunication, Technical  
University, Budapest.  
(Calculating machines)

TARJAN, D.

"Determination of tetraethyllead in ethylated gasolines." (p.14). Vol. 5, no. 1, Jan. 1954

SO: East European Accessions List. Vol. 3, No. 8, August 1954.



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TARJAN, D.

"Water and Salt Deposits in Raw Petroleum from Yraser Field", p. 351,  
(NAFTA, Vol. 5, No. 9, September 1954, Zagreb, Yugoslavia)

SC: Monthly List of East European Accessions (SEAL), LC, Vol. 7, No. 3,  
March 1955, Uncl.

TARJAN, DURO

Yugoslavia /Chemical Technology. Chemical Products and Their Application I-12

Silicates. Glass. Ceramics. Binders.

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 31648

Author : Tarjan Duro, Lovrecek Ivan

Title : Current Methods of Cementing Petroleum and Gas Wells

Orig Pub: Nafta (Jugosl.), 1956, 7, No 6, 172-183

Abstract: Consideration of problems of well cementing, building of cement plants, production of different varieties of cements and mixtures thereof. A comparative evaluation is made of the quality of domestic and American cements.

Card 1/1

TARJAN, DURO

YUGOSLAVIA/Chemical Technology. Chemical Products and Their  
Application. Treatment of Natural Gases and Petroleum.  
Motor and Rocket Fuels. Lubricants.

H-23

Abs Jour: Referat Zhur-Khimiya, No 5, 1958, 15795.

Author : Tarjan Duro

Inst :

Title : Determination of Paraffin in Croatian Crude Petroleum.

Orig Pub: Nafta (Jugosl.), 1956, 7, No 10, 308-311.

Abstract: The author utilized the method of measuring the temperature at which turbidity occurred to determine the paraffin content of Croatian petroleum being processed at a local petroleum refinery.

Card : 1/1

TARJAN, DURO

YUGOSLAVIA/Leather, Fur, Gelatins, Tanning Materials,  
Technical Albumins.

H.

Abs Jour : Ref Zhur - Khimiya, No 19, 1958, 66330

Author : Tarjan Duro, Kunst Melita

Inst :

Title : The Possibility of the Use in the Tanning Industry of Sodium from the Washing Waters Left After the Refining of Petroleum Gases.

Orig Pub : Koza i obuca, 1957, 6, No 10, 349-352.

Abstract : In the oil-refining plant in the city of Sisak, experiments were conducted on the utilization of washing waters left after gas refining for the depilating of hides. The composition of the washing waters (in g in 100 ml) is:  $\text{Na}_2\text{S}$  6.8-12.8; alkalinity (in conversion to NaOH) 1.36-6.93;  $\text{sum Na}_2\text{SO}_3 = \text{Na}_2\text{S}_2\text{O}_3$  0.14-3.65; pH  $\sim$  11.0; ratio NaSH:NaOH 1:0.72 (in moles).

Card 1/2

YUGOSLAVIA/Leather, Fur, Gelatins, Tanning Materials,  
Technical Albumins.

H.

Abs Jour : Ref Zhur - Khimiya, No 19, 1958, 66330

A coating mixture and depilating solutions are prepared from the washing waters, according to the usual method with added lime, NaCl CaCl<sub>2</sub> and water, which are then used on pieces of hides. Results were positive: the hair came off, the bareness appeared normal. The method has still not been carried out in production conditions.

Card 2/2

APPROVED FOR RELEASE: Thursday, September 26, 2002    CIA-RDP86-00513R001755010011-0  
APPROVED FOR RELEASE: Thursday, September 26, 2002    CIA-RDP86-00513R001755010011-0"

7  
Phenols and homologs in the spent caustic from refining  
catalytically cracked gasoline. Dujco Tarjan and Emilija  
Knezevic-Lohic (Rahnerita, Glsak). *Napit* (Yugoslavia) 8:  
360-3(1967).--Extn. of straight-run and catalytically  
cracked gasoline with 10% NaOH soln. yielded 90-114g. of a  
phenol mixt./ton of gasoline, from which phenol, *o*-, *p*-,  
and *m*-cresol, and xylol were isolated. N. Plavlic

102  
1  
May

Disc: 4E3d

*Sam Gaf*

TARJAN, U.

✓ Sulfur in [Yugoslav] crude oils. II. Distribution of sulfur in the straight-run and vacuum distillate fractions. Djuro Tarjan, Emilija Knežević-Lolic, and Marija Berot (Rahnerija nafte, Sisak). *Nafte* (Yugoslavia) 9, 149-53 (1958); cf. *C.A.* 52, 21019c.—Data for Mramor Brdo, Bunjani, Dugo Selo, Jermenovac, Kloštar, Filovec, and Lendava crude oils are given and compared with those of Iraq and Russian Sokolovgrad oils. N. Playšić

5  
1

Distr: hE3d



TARJAN, Duro, inz.

Waste water in the Sisak Petroleum Refinery, and the law  
of Water Protection. Nafta Jug 13 no. 11/12:320-329 N-D '62.

1. Petroleum Refinery, Sisak.

*Olso - May & Treatment*

5

**Contribution to the Kinematics of the Cyclon and Cyclon  
Scrubbers.** (I. Tazjan. *Acta Technica Academiae Scientiarum  
Hungaricae.* [In German]. An analysis of the design  
and performance of cyclon separators used for solids suspended  
in liquid or gaseous media is given, and the results are illus-  
trated by means of practical examples relating to the separa-  
tion of magnetite, quartz grains, and coal dust in aqueous  
suspension, as well as for dust particles in a gas. —P. r.

*Proc. Mining & Treatment*

5

Experiments on Preparing Kumló Coal for Coking by the Wet Method. G. Turján. (*Acta Technica Academiae Scientiarum Hungaricae*, 1931, 1, 2, 133-163). [In German]. Results of experiments carried out by the author on preparing Kumló lignite coal for coking by the wet method are given in numerous tables and diagrams. The 'heavy-media' method and flotation are recommended.—P. F.

Ca

The calculation of errors in ore dressing. G. Tarján.  
Roy. Hung. Patent-Joseph Univ. Tech. Econ. Sci., Pub.  
Dezso. *Mag. Mat.* 9, 291-42 (1937).--The effect of pro-  
cessing and regular errors in deig. the metal contents of  
ore reduction velocity at 750°. Also in *Iron Steel Ind.* 11,  
421-34 (1938). F. G. Norris

9

ASME-ISA METALLURGICAL LITERATURE CLASSIFICATION

Grid with letters and numbers for classification, including 'COMMON ELEMENTS' and 'METALS'.





2559  
PRODUCING COKABLE COAL FROM COAL OF KOMLO BY MEANS OF WET PREPARATION  
TARJAN, G. (BANYESZ, KOHASZ. LAPOK, 1949, vol. 4, 269-278, 222;  
311-319; abstr. in Chem. Abstr., 1961, vol. 46, 3146) Liassic coal  
from the Komlo mines seemed to give best results when the method of heavy  
suspensions with magnetic medium and flotation was applied. The prop-  
erties of coal influencing the effects of preparation are described.  
CA

COPY NUMBER

MATERIAL NUMBER

VARIABLE NUMBER

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

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PROCESSES AND PROPERTIES INDEX

COMMON (LITERATURE)  
 GENERAL INDEX  
 OPEN

F  
 4738. PRODUCTION OF COAL WITH LIMITED ASH CONTENT. Terjan, G.  
 (Benzaszati Kohassati Lapok (Budapest), 1949, vol. 4,  
 (L), 2-4; abstr. in Gluckauf, 10 Sept. 1949, vol. 85,  
 692). This paper deals with the possibility of reducing  
 the ash content of Hungarian coal by flotation, and using  
 the extracted coal for making anodes for use in aluminium  
 production. Coal with an ash content below 1% was  
 produced from two types of Hungarian coal.

ASH-51A METALLURGICAL LITERATURE CLASSIFICATION

SYMBOLS	SYMBOLS	SYMBOLS
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20





C

F

934. PRODUCING COKABLE COAL FROM COAL OF KOMLÓ BY MEANS OF A NEW  
PREPARATION. Tarjan, G. (Acta Tech. Acad. Sci. Hung., 1951, vol. 1,  
133-163; see abstr. in Chem. Abstr., 1951, vol. 45, 8738).



ca

9

Flotation experiments with Roach ores. The selective flotation of enargite and pyrite. II. G. Tarján. *Rev. Hung. Akad. Sci. Tech. Sci.* (1941). *Chem. Zentr.* 1943, 1, 1038; *Met.* 12, 274 (1941). (Chem. Zentr. 1943, 1, 1038; *C. A.* 38, 1451). - Expts. are reported on the flotation of pure enargite, pure pyrite and a mixt. of both in the alk. pulp with TT mixt. (20% thioacetamide and 80% *n*-toluene) as a collector and camphor oil as a frothing agent. In the flotation of enargite with TT mixt. the floating effect decreases beyond a certain alk. However, with TT mixt., in contrast to xanthate, it is possible to float the coarse enargite even in alk. pulp. The coarse pyrite is not floated by TT mixt. even in an acid pulp. The addn. of a relatively small amt. of lime reduces the flotation of the fine pyrite. Selective flotation of the enargite-pyrite mixt. can be successfully accomplished with a small amt. of lime and without the use of cyanide.

G. Moore

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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G. TARJAN.

"Contributions to the classical theory of jiggling." p. 79 (ACTA TECHNICA ACADEMIAE  
SCIENTIARUM HUNGARICAE, Vol 6, no. 1/2, 1953, Budapest, Hungary)

SO: Monthly List of East European Accessions, L.C., Vol. 2 No. 7, July 1953, Uncl.

TARJAN, C.

"On the Theory and Use of the Hydrocyclone." In English. p. 389 (ACTA TECHNICA, Vol. 7, No. 3/4, 1953) Budapest, Hungary

SO: Monthly List of East European Accessions, Library of Congress, Vol. 3, No. 4, April 1954. Unclassified.

PROCESSES AND PROPERTIES INDEX

F

C

5099. IMPROVING HUNGARIAN LIASSIC COKE COALS BY MEANS OF FLOTATION.  
Tarjan, G. (Banyasz. Kohasz. Lapok (N.S.), 1947, vol. 2, 66-69;  
abstr. in Chem. Abstr., 20th April, 1948, vol. 42, 2743). Flotation  
experiments were made on Komlo and Saszvar Liassic coals, with  
refined Diesel oil, tar oil, petroleum, phenol, pine oil, soda,  
KMnO<sub>4</sub>, K<sub>2</sub>Cr<sub>2</sub>O<sub>7</sub>, tannic acid, and starch as reagents in various  
concentrations and mixtures. The flotation products were tested  
for coking qualities. The ash content of coal can be significantly  
decreased by flotation. Flotation by starch separated also vitrite  
in Komlo coal. The coking qualities of Hungarian Liassic coals  
deteriorate on storage. Dressing experiments should, therefore,  
be made with fresh coals.

C.A.

CONCISE ELEMENTS

MATERIALS INDEX

438-516 METALLURGICAL LITERATURE CLASSIFICATION

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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PROCESSES AND PROPERTIES INDEX

21

*Errors of data of washability curves in coal dressing.*  
*O. Tschischky, Roy. Hung. Palatin-Joseph Univ. Tech. Univ. Szeged, Szeged, Pub. Dept. Mining Met. 7, 397-436 (1935).--Errors detd. in washability curves amounted in general to 0.1%. Calcns. showed that at an ash content of 30% in coals the probable error reaches 0.1064%. For smaller ash content it decreases somewhat. Also the probable errors of moisture detns. are discussed.*  
 S. S. de Fudy

Common variable codes

Common variable codes

A 50-55A METALLURGICAL LITERATURE CLASSIFICATION

SEARCH SYMBOLS

SEARCHED INDEXED

ABSTRACTED

INDEXED

SEARCHED INDEXED ABSTRACTED INDEXED



CP

31

Method for the proper evaluation of effects of coal dressing. G. Tschann—Ray, Hung. Palatin-Joseph Univ. Tech. Econ. Sci., Sopron, Pub. Dept. Mining Mat., 7, 378-80(1935).—Calc. coal output and efficiency of coal dressing from ash contents does not give reliable values. A modification of present calcn. methods is proposed by transforming the "ash" basal curve into the "gang" curve, which latter should serve as a basis for the calcn.  
S. S. de Finály

COMMON VALUES

COMMON VALUES

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

GROUP	SECTION	SUBSECTION	CLASSIFICATION	INDEX
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46	47	48	49	50
51	52	53	54	55
56	57	58	59	60
61	62	63	64	65
66	67	68	69	70
71	72	73	74	75
76	77	78	79	80
81	82	83	84	85
86	87	88	89	90
91	92	93	94	95
96	97	98	99	100



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1st AND 2nd DEGREE PROCESSED AND PRIORITIZED

1311

Mechanics of the cyclone. G. T. Tjeltveit (Bjørnsæter & Nordstrøm  
Lapod, 1948, p. 316-317). *Food Sci. Tech.*, 1981, 2(2), 88.—The  
laws governing the theory of cyclones for changing mass are analyzed  
mathematically. R. B. CLARKE

ASAC-SEA METEOROLOGICAL LITERATURE CLASSIFICATION

SI-MET-51818

SI-MET-51818

CLASSIFICATION  
C I N Y  
L A S H  
K E T T  
J A S O  
N O V  
D E C  
J A N  
F E B  
M A R  
A P R  
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M A R  
A P R  
M A Y  
J U N  
J U L  
A U G  
S E P  
O C T  
N O V  
D E C

*Full Abstract*

*Experiments & Field Work 17*

332D. CONTRIBUTION TO KINEMATICS OF THE CYCLONE AND CYCLONE SCRUBBERS.  
Tarjan, G. (Acta Tech. Acad. Sci. hung., abstr. in J. Iron St. Inst.,  
July 1952, vol. 171, 315). An analysis of the design and performance of  
cyclone separators used for solids suspended in liquid or gaseous media  
is given, and the results are illustrated by means of practical examples  
relating to the separation of magnesite, quartz grains and coal dust in  
aqueous suspension, as well as to dust particles in gas streams. W.D.

131

**Preparing Kanió coal for coking by the wet method. G. Tarján.**  
(*Acta tech. Acad. sci. Hung.*, 1951, 1, No. 2, 123-163; *J. Iron. Steel Inst.*, 1952, 171, 314).—Results of coal-cleaning tests are given. The heavy-medium process and flotation are recommended.  
\* H. CLARK.

AMR

555. Tarján, G., Mechanics of the cyclone (in Hungarian). *Magyar Mérnök Szakmai Híradó, Budapest, 1949*, II, 410-411, Nov. 1949.

Author investigates the laws of kinetic phenomena in cyclones, which are utilized in dust-removal equipment for gas, in washing apparatuses for minerals, in concentrators, in separators, and slime thickeners. The number of whirls as well as the length of time the gas remains in the dust-removing part of the cyclone are determined for the various cyclones and given diameters. The investigations were extended to the washing of coal in order to reduce the ash content of fine-grained coal and to the separation of slime suspensions, which contain mineral of various specific gravity. In the event slimes do not contain heavy suspensions, cyclones act as effective slime thickeners, and the thick slime flowing from the discharge openings may contain as much as 70 to 80% of the solid particles contained in the raw slime. The calculations are based on Stokes' viscosity values, which, however, require corrections in the function of the Reynolds number according to the curve  $\nu = f(R)$ .

*Courtesy Hungarian Technical Abstracts*

20

Experiments on the etiology of eclampsia. L. Péteri and Gy. Targhu (Univ. Budapest). *Gynaecologia* 129, 350-8 (1950). — Blood serum of nephropathic patients contains a substance which has a depressor effect on rats anesthetized with urethan. The substance is not identical with choline, histamine, renin, angiotensin, angiotensase, or any substance developed on blood clotting. During eclamptic attacks the depressor substance disappears. To explain the paradox of high blood pressure and presence of a depressor substance, it is suggested that in the nephropathic mother the depressor substance in the blood acts to cause overcompensation and resulting high blood pressure.

Ruth B. Pitt







C. A.

Modern trends in the preparation of ore and coal. Gusman  
Nav Tarikh. Banjaya. Kohira. Lapok 5. 148-60 (1951).  
K. G. 1951

CA

Producing cokable coal from the coal of Komló by means  
of a wet preparation. *Gusztáv Tarján, Bányász. Közlés.*  
*Lepök 63, 200-78, 311-19(1949).* Lassic coal from the  
Komló mines seemed to give best results when the method  
of heavy suspensions with magnetic medium and flotation  
was applied. The properties of coal influencing the effects  
of prepn. are described. 1. Finally

CA

21

Producing cokable coal from the coal of Kemló by means  
of a wet preparation. *Quart. Journ. Arts Tech. Acad.  
Sci. Hung.* 1, 133 (1951) (in German).--See C.A. 45,  
3148g. R. M. S.

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TARJAN, G.

797\* Contributions to the Classical Theory of Drag.  
(English) G. Tarjan, *Acta Technica Academiae Scientiarum  
Hungaricae* v. 6, nos. 1-2, 1953, p. 79-121.  
Discusses the motion of a solid body in a pulsating up-and-  
down current. Tables, graphs, diagrams.

IAKJAN, G.

B. T. R.  
June 1954  
Chemical Engineering

② Matt

V7561: On the Theory and Use of the Hydrocyclone.  
(English.) G. Tarián, *Acta Technica Academiae Scientiarum  
Hungaricae*, v. 7, nos. 3-4, 1953, p. 389-411.  
Theory of operation and advantages in coal dressing and ore  
beneficiation. Tables, graphs, 11 ref.



TARJAN, G.

"Washing Komlo Bituminous Coal in a Laboratory Hydrocyclone." In English, p. 69, Budapest, Vol. 5, no. 1, 1952.

SO: East European Accessions List, Vol. 3, No. 9, September 1954, Lib. of Congress

TARJAN, Gusztav

① 2

13315\* (Washing Experiments on 0-40 mm. Petősbánya Lignite) 40—0 mm-es petősbányai lignittal végzett mosási kísérletek. Gusztáv Tarján. Bányászati Lapok, v. 9, no. 5, May 15, 1954, p. ~~308-310~~.  
Elimination of clay and sand. Experimental details and results. Flowsheets, graphs, tables.

MF  
10-1-54

Tarjan, G.

Production of barite from iron ore at Rudabanya. P. 271  
Vol. 13, no. 4, 1954, Budapest, Hungary KÖZLEMENYEI

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No.3,  
March, 1956

HUNG

89. Experiments with washing in a non-ionic  
front, Petőfibánya - G. Tarján. (Bányászati Lapok -  
Vol. 9 (1971), 1954 No. 5, pp. 232-238, 7 figs., 5

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010011-0  
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010011-0"

TARJAN, G.

Account of some investigations made by the Faculty of Ore and Coal Dressing in 1953; also, remarks by J. Varga and others. p. 357. KOZLEMENYEI. Budapest. (Reports issued by the Section of Technical Sciences, Hungarian Academy of Sciences. Quarterly) Vol. 14, No. 1/3 1954

SOURCE: East European Accessions List (EEAL) Library of Congress Vol. 5, No. 6, June 1956

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TARJAN, G.

"Contributions to the kinematics of the hydraulic cyclone."

p. 513 (Banyaszati Lapok) Vol. 12, no. 10/11, Oct./Nov. 1957  
Budapest, Hungary

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,  
April 1958

TRJAN, C.

Contribution to the kinematics of the hydrocyclone

R. 349 ( ACTA TECHNICA) Vol. 18, no. 3/4, 1957, In English  
Budapest, Hungary

SC: Index of Monthly East European Accessions (EEAI) Vol. 7, no. 3, 1958, LC



COUNTRY : Hungary H-22  
CATEGORY :  
ABS. JOUR. : RZKhis, No. 22 1959 No. 79721  
AUTHOR : Tarjan, G.  
INST. : Not given  
TITLE : Diagram and Other Data on the Concentration of  
Hungarian Coals  
ORIG. PUB. : Banyasz Lapok, 13, No 2-3, 81-106 (1958)  
ABSTRACT : No abstract.

CARD: 1/1

Distr: 4E20

21  
20. Settling velocity of solid grains in coarse dispersions.  
(In English) G. Tariásp. *Acta Technica Academiae  
Scientiarum Hungaricae*. Vol. 20, 1958, No. 1-2, pp.  
197-207, 7 tabs.

In coarse dispersions the settling velocity of grains is obtained by multiplying the Newtonian value of the settling velocity of the particle  $v_s = C \sqrt{\frac{d(\delta-\gamma)}{\gamma}}$  valid for unhindered settling by multiplication factor  $f = k(1-\sigma^2)^2 \sqrt{\frac{(\delta-\gamma)\gamma}{(\delta-\gamma)\gamma}}$  where  $\sqrt{\frac{(\delta-\gamma)\gamma}{(\delta-\gamma)\gamma}}$  takes into account the increased specific gravity of the dispersoid in relation to a pure liquid,  $(1-\sigma^2)$  the free cross-sectional area of the liquid reduced by the presence of solid grains and  $k = \sqrt{c/c'}$  which is the drag coefficient of the medium increased by the decrease of the Reynolds number. Instead of  $(1-\sigma^2)$  the value  $(1-\gamma)$  can also be applied as a cross-section reduction factor.

RB  
//

HUNGARY/Chemical Technology. Chemical Products and Their  
Applications. Chemical Engineering.

H

Abs Jour: Ref Zhur-Khin., No 8, 1959, 27686.

Author : Tarjan, G.

Inst : Hungarian Academy of Sciences.

Title : On the Heavy Suspension Developing in the Hydrocyclone.

Orig Pub: Acta Tech Acad Sci Hung, 21, No 3-4, 387-402 (1958) (in  
English with summaries in German, French, and Russian).

Abstract: The particle size distribution and changes in the vis-  
cosity and specific gravity of suspensions are dis-  
cussed as a function of the relative radius. -- From  
a summary by the author.

Card : 1/1

COUNTRY : CDR  
CATEGORY : Chemical Technology. Chemical Products and Their  
Applications. Chemical Engineering.  
ABS. JOUR. : RZhKhim., No 19, 1959, No. 68126

AUTHOR : Tarjan, G.  
INSTITUTE : -  
TITLE : Hydrodynamic Processes in a Hydrocyclone and Its  
Application in the Field of Heavy Suspensions.  
ORIG. PUB. : Neue Hutte, 1959, 4, No 2, 65-73

ABSTRACT : Reviewed is the distribution of fluid velocities,  
the relationship pertaining to the movement of  
different size solid particles, the hydraulic re-  
sistance, effect of the nozzle size, the relation-  
ship governing the movement of heavy suspensions,  
effects of density and viscosity of the heavy  
suspensions, problems of the hydrocyclone erosion.  
The bibliography covers 4 titles.

Card: 1/1

TARJAN, G., corresp. member of the hungarian Acad. of Sc.

Suggestion for a new characteristic of the tromp curve. Acta  
techn. Hung 27 no. 3/4: 429-448 '59. (EEAI 9:6)

1. Department for Mineral Dressing, Technical University,  
Miskolc.

(Ores) (Probabilities)

TARJAN, Gusztav, Dr., okl.banyamernok, Kossuth-díjas egyetemi tanár

A proposal for a new index of the Tromp curve. Bany lap  
93 no.6:361-369 Je '60.

1. A Magyar Tudományos Akademia levelezo tagja, Nehezipari  
Muszaki Egyetem, Miskolc.

TARJAN, Gusztav, dr., okleveles banyamernok, a muszaki tudoma-  
nyok doktora, ketszeres Kossuth-dijas egyetemi tanar

Some theoretical questions of classification and enrichment  
of hydrocyclones. Bany lap 93 no. 9:584-596 S'60.

1. Magyar Tudományos Akademia levelezo tagja; Nehezipari  
Muszaki Egyetem Banyamernoki Kar Asvanyelokeszitestani  
Tanszek, Miskolc; "Banyaszati Lapok" szerkeszto bizottsagi  
tagja.

TARJAN, G., prof

Some theoretical questions on classifying and separating hydrocyclones.  
Acta techn Hung 32 no.3/4:357-388 '61. (EEAI 10:6)

1. Institute of Mineral Dressing, Technical University, Miskolc.  
Corresponding member of the Hungarian Academy of Sciences.  
(Separators (Machines))



TARJAN, Gusztav, Dr., okl. bányamérnök, a muszaki tudományok doktora,  
készszeres Kossuth-díjas egyetemi tanár.

Determination of the peripheral speed occurring on the radius  
of hydrocyclone on the basis of the speed of the entering pulp.  
Bányalap 94 no. 6: 361-368 Je '61.

1. Nehézipari Muszaki Egyetem, Bányamérnöki Kar, Miskolc, a magyar  
Tudományos Akadémia levelező tagja.

TARJAN, Gusztav, dr., okl. banyamernok, a muszaki tudomanyok doktora, ketszeres  
Kossuth-dijas egyetemi tanar

Contribution to the appraisal of the value of coals as well as the  
economy of mining and coal washing in relation to national economy.  
Bany lap 94 no.11:734-739 N '61.

1. Nehézipari Muszaki Egyetem, Banyamernoki Kar, Miskolc, Magyar  
Tudományos Akademia levelezo tagja Szerkeszto bizottsagi tag, "Bany-  
aszati Lapok".

TARJAN, Gusztav, Dr., okl. bányamérnök, a muszaki tudományok doktora,  
készenes Kossuth-díjas egyetemi tanár

Some data of the analytics of medium flow and pressure drop of  
hydrocyclones. Bany lap 95 no.3:159-166 Mr. '62.

1. A Magyar Tudományos Akadémia levelező tagja. Nehézipari Muszaki  
Egyetem, Bányamérnöki Kar, Miskolc

TARJAN, Gusztav, dr., okleveles bányamernok, a muszaki tudományok doktora,  
készszeres Kossuth-díjas egyetemi tanár

Proposals for compiling methods for the determination of coal dressing  
and the practical application of coal washing curves. Bány lap 96  
no.4:218-228 Ap '63.

1. Magyar Tudományos Akadémia levelezo tagja; Nehézipari Muszaki  
Egyetem, Bányamernoki Kar, Miskolc; "Bányászati Lapok" szerkeszto  
bizottsagi tagja.

TARJAN, Gusztav, dr., okleveles bányamérnök, a muszaki tudományok  
doktora, kétszeres Kossuth-díjas egyetemi tanár

Floatability data on the pyrites of coal seams. Bany lap  
96 no.9: 577-579 8 '63.

1. Magyar Tudományos Akadémia levelező tagja; Nehézipari  
Műszaki Egyetem, Miskolc; "Bányászati Lapok" szerkesztő  
bizottsági tagja.

TARJAN, Gusstav, dr.

Forés effects of coal pelletizing. Koh lap 96 no.12:529-533  
D '63.

TARJAN, Gusztav

Specific power impulses in hydrocyclones. Muszaki kozl MTA  
33 no.1/4:329-350 '64

1. Magyar Tudomanyos Akademia levelezo tagja.

TARJAN, Gusztav, dr., okleveles bányamernok, Kossuth-díjas egyetemi tanár.

Data on the economy of washing steam coals. Bany lap 97 no.1:  
1-11 Ja'64.

1. Nehézipari Műszaki Egyetem Bányamérnöki Kar, Miskolc; Magyar Tudományos Akadémia levelező tagja; "Bányászati Lapok" szerkesztő bizottsági tagja.



TARJAN, Gusztav, dr., okleveles banyamernok, a muszaki tudomanyok  
doktora, Kossuth-dijas egyetemi tanar

Economy of washing the primary dust in the lignite mines in  
the region of the Matra Mountains. Bany lap 97 no.11:729-  
735 N '64.

1. Chair of Mining Engineering, Technical University of  
Heavy Industry, Miskolce, Corresponding Member, Hungarian  
Academy of Sciences, and Editorial board member, "Banyaszati  
Lapok."

TARJAN, G.

The economy of coal mining and coal washing. Acta techn Hung  
48 no.3/4:287-334 '64.

1. Corresponding member, Hungarian Academy of Sciences, and  
Editorial board member, "Acta Technica Academiae Scientiarum  
Hungaricae."

TARNAI, Gy.

"New Arrangement for Filing, Marking, and Preserving Standards", p. 60,  
(SZABVANYOSITAS, Vol. 5, No. 4/5, Apr./May 1953, Budapest, Hungary)

SC: Monthly List of East European Accessions (EMAL), LC, Vol. 4, No. 3,  
March 1955, Uncl.

Garbat, Gy.

"Scope and Effect of Standards", P. 58, (SZABANYGYSITAS, Vol. 5, No. 4/5,  
Apr./May 1953, Budapest, Hungary)

SC: Monthly List of East European Accessions (EEAL), LC, Vol. 4, No. 3,  
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TARJAN, G.

"Experiences with washing 40-0-mm lignite from Petogibanya." *Banyaszati Lapok, Budapest*,  
Vol. 9, No. 5, May 1954, p. 232.

SO: Eastern European Accessions List, Vol. 3, No. 11, Nov. 1954, L.C.

TARJAN, GY.

Relationship between standards and delivery contracts. p. 112.  
Vol 5, no. 7/8, July/Aug. , 1953. SZABVANYOSITAS. Budapest, Hungary.

So: Eastern European Accession. Vol 5, no. 4, April 1956

TARJAN, GYORGY,  
JANOS AGOSTON, Orvosi Hetilap 90, 154-6(1949)

**HECHNITZ, K.; TARJAN, G.**

**Role of the placenta in active tuberculosis. *Magy. Moorv. lap.* 14  
no.11:334-337 Nov 1951. (CML 21:2)**

**1. Doctors. 2. First Women's Clinic (Director -- Prof. Dr. Bela Horn),  
Budapest Medical University.**



**VARSIANYI, G.; TARJAN, G.; PETERI, L.**

The ultraviolet spectrum of the toxic blood serum. *Magy. noorv.*  
lap. 15 no. 10:293-296 Oct 1952. (CMLL 23:5)

1. Doctors. 2. Branch of Physical Chemistry of Budapest Technical  
University (Director -- Prof. Dr. Geza Schay) and First Women's Clinic,  
Budapest Medical University (Director -- Prof. Dr. Bela Horn).

TARJAN G.

LA budapesti Orvostudományi Egyetem II. sz. Női klinikájának es. I sz. Női klinikájának közleménye. #A méhnyakrák es praeblastomatos rákainak luminescens-mikroszkópos vizsgálata. (Praeinvazív carcinoma; rák, vagy praeblastomatosis?) A study of cervical cancer and pre-invasive carcinoma under the fluorescence microscope MAG. NOORV. LAPJA. 1954, 17/2 (71-76) Illus. 4

An attempt is made to give a conclusive answer to the question whether so-called 'pre-invasive cancer' of the cervix uteri is already carcinoma and must be treated as such or whether it should be regarded as an atypical cell-growth that only in a few instances changes into real cancer. With the fluorescence in microscope the inner structure of the cells can be seen better than in haematoxylin-eosin stained slides. In the authors' opinion the picture of pre-invasive carcinoma is exactly the same as what is seen in real invasive cancer. In so-called 'pre-carcinoma' one sees very gradual transitions from not yet malignant cell types to certainly carcinomatous cells. In these cases the UV picture reveals 2 different types of cells not discernible with the usual staining methods. A closer investigation into this matter is still in progress. Possibly this difference forms the key to the differential diagnosis.  
Van Hoytema - Rotterdam (X,5,16)

SO: Excerpta Medica  
Section V  
Vol. 7 No. 10

TARJAN, Gyorgy, dr.; GERGELY, Pal, dr.

Diagnostic and therapeutic results in the treatment of toxemia  
and eclampsia. (Hun) *Magy. noorv. lap.* 17 no. 15: 265-269. Sept 54.

1. Budapesti Orvostudományi Egyetem I. sz. Női Klinikájának  
közleménye (Igazgató: Horn Béla dr. egyetemi tanár)  
(PREGNANCY TOXEMIAS  
diag. & ther., results (Hun))

KISS, Ferenc, dr.; TARJAN, Gyorgy, dr.

Role of arterio-venous anastomoses in the system of the uterine artery. Magy. noorv. lap. 19 no.3:129-139 May 56.

1. A Budapesti Orvostud. Anatomiai Intertenek (igaz. :Kiss, Ferenc dr. egyet tanar) es a Varosi Tanacs VB. Schopf.-Merei Agoston korhas (igaz.:Suranyi, Gyula, dr.) szuleszeti osztalyanak kozlemenye. (Osztalyvezeto foorvos: Tarjan, Gyorgy, dr.).  
(UTERUS, blood supply  
arterio-venous anastomoses in uterine artery, classif.,  
anat. & histol. (Hun))

TARJAN, Gyorgy, Dr.

Results of cesarean sections of three years. *Magy. noorv. lap.* 21 no.3:  
166-172 June 58.

1. A Budapesti városi Tanács Sch/opf-Merei Agoston kórház (igazgató:  
Gergely Karoly dr.) szülészeti osztályának közleménye (Osztályvezető  
főorvos: Tarján György dr.)  
(CESAREAN SECTION, statist.  
(Hun))

TARJAN, Gyorgy, dr.

Causes of premature birth. Elet tud 19 no.37:1747-1749 11 3 '64.

## Nuclear Medicine

### HUNGARY

KARIKA, Zsigmond, Dr., TOPERCZER, Johanna, Dr., FUZY, Marton, Dr., TARJAN, Gyorgy, Dr., and VARSANYI, Rozsa, Dr., Department of Radiology at the National Institute of Oncology (Orszagos Onkologiai Intezet Radiologiai Osztaly) [location not given] (Physician-in-Chief, Department Head: RODE, Istvan, Dr.).

"Experiences in the Scintigraphic Examination of the Spleen"

Budapest, Orvosi Hetilap, Vol 107, No 29, 17 Jul 1966, pp 1360-1362.

Abstract: The scintigrams were taken by using red blood corpuscles tagged with radioactive Cr-51 isotope. The optimum duration of heat treatment for the corpuscles was determined empirically in each case. The scintigrams were taken by a Siemens nucleograph with the patient laying on his side. The scintigrams were essentially identical regardless of time taken in the 1-24 hour period following administration of the administration of the Cr-containing saline solution. The experiences based on the preparation of 23 scintigrams were discussed. The technique was found to be useful. 10 references, including 2 German and 8 Western.

"Account of the work of the Permanent Committee of Physicists."  
Kozlemenyei, Budapest, Vol 3, No 3, 1953, p. 311

SO: Eastern European Accessions List, Vol 3, No 10, Oct 1954, Lib. of Congress