S/137/62/000/001/076/237
A060/A101

Influence of manganese upon...

plant ends), as result of the allotropic transformations in the intercrystalline matter at that "critical" Mn content, but not by its reducing action, inasmuch as even with the addition of stronger reducers ragged edges are observed at low Mn content. At the same time, and apparently, for the same reasons, the increase in Mn content lowers the ageing tendency of the steel and improves its microstructure. An analogous effect of Mn was observed also in 1954 - 1959 when a considerable change in technique (the use of oxygen in the burner, and then in the vat, considerable forcing of the thermal schedule) took place. There are 4 references.

Ye. Bukhman

[Abstracter's note: Complete translation]

Card 2/2

S/137/62/000/001/076/237
A060/A101

AUTHOR: Marinov, A. I.

TITLE: Influence of manganese upon the formation of ragged edges under continuous rolling of hot-rolled strips of low-carbon rimmed steel on a thin-sheet mill

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 1, 1962, 4, abstract 1D17 (V sb. "Stal'". Moscow, Metallurgizdat, 1961, 150 - 158)

TEXT: Investigations were carried out in 1949 at the "Zaporozhstal'" plant as to the role of Mn in the origin of ragged edge on sheets of steel 08кп (08kp) and 10kp. A definite minimum of Mn content in the ladle sample was established which, when observed, precludes the formation of ragged edge even when the S content is increased from 0.015 to 0.04%; at 0.07 - 0.08% C this minimum corresponds to 0.30 - 0.33% Mn. At low Mn content the influence of S is quite pronounced. The recommended ratio of Mn:S $\approx$ 12 turns out to be insufficient at low Mn contents; in the finished sheet, at any S content, there should be $\geq$ 0.24 - 0.25% Mn. The effect of Mn is explained by the reduction in the hot-brittleness (at 850 - 1,000°C, i.e. at temperatures at which the rolling of the sheet at the

Card 1/2

PHASE I BOOK EXPLOITATION SOV/4344

Soveshchaniye po teorii liteynykh protsessov, 4th

Kristallizatsiya metallov; trudy soveshchaniya (Crystallization of Metals; Transactions of the Fourth Conference on the Theory of Casting Processes) Moscow, Izd-vo AN SSSR, 1960. 325 p. 3,200 copies printed.

Sponsoring Agency: Akademiya nauk SSSR. Institut mashinovedeniya. Komissiya po tekhnologii mashinostroyeniya.

Resp. Ed.: B. B. Gulyayev, Doctor of Technical Sciences, Professor; Ed. of Publishing House: V. S. Rzheznikov; Tech. Ed.: S. G. Tikhomirova.

PURPOSE: This book is intended for metallurgists and scientific workers. It may also be useful to technical personnel at foundries.

COVERAGE: The book contains the transactions of the Fourth Conference (1958) on the Theory of Casting Processes. [The previous 3 conferences dealt with hydrodynamics of molten metals (1955), solidification of metals (1956), and shrinkage processes in castings (1957)]. General problems in the crystal-lization of metals, including the crystallization of constructional steels,

alloy steels with special properties, cast iron, and of nonferrous alloys, are discussed. Recognition is given to D. K. Chernov and N. T. Gudtsov and their students, B. B. Gulyayev and A. G. Spasskiy, for their contributions to the understanding of the basic problems involved in the theory of crystallization of ferrous and nonferrous metals and alloys. Academician A. V. Shubnikov is also mentioned in connection with his work on the planning of research on crystal formation. References accompany several of the articles.

(60)

MARINOV, A.I.

The Production and Properties of Aluminium-Killed Non-Ageing Sheet Steel

higher when aluminium is introduced in moulds than when it is introduced in the ladle.
There are 1 figure, 5 tables and 3 Soviet references.

ASSOCIATIONS: TsNIIChM and zavod "Zaporozhstal'" ("Zaporozhstal' Works)

The Production and Properties of Aluminium-Killed Non-Ageing Sheet Steel

yield of slabs from such ingots should be about 90% which is higher than from rimming steel ingots. Large ingots (9-18 ton) of aluminium-killed steel are more uniform in chemical composition and mechanical properties in comparison with rimming steel ingots. The above permits improving the technology of low-carbon steel for hot and cold-rolled sheets VGV by: a) increasing the weight of ingots to 18 tons and above; b) increasing the range of permissible sulphur content to 0.03% instead of 0.025%; c) economising ferromanganese and d) rolling VGV sheets from the head part of the ingots. With regard to microstructure, sheets of killed steel differ from sheets of 08kp VGV steel mainly in the tendency to form finer grains and fine, structurally free cementite, as well as non-equilibrium grains, elongated in the direction of rolling. Non-metallic inclusions of the killed steel consist mainly of uniformly distributed aluminates, the amount of which is

AUTHORS: Litvinenko, D.A. (...) Sciences
Marinov, A.I., Berz... and Rabus... Workers

TITLE: The Production ...ties of Alu...-killed ...
ageing Sheet St... i ...us ...oy
alyuminiyem ne... ...)

PERIODICAL: Stal', 195... ...S)

ABSTRACT: The developme... ...g of productio... a
non-ageing stee... ...nium and suitable f... ...
manufacture of ... ...n ...ior to
high drawing pr... ...p ...ines,
possessed go... ...d ...bs.
Two deoxidation st... ...es are
tested: 1) wi... ...t ...ides and
2) with aluminium ...)
pouring of ingots. ... ...perim...
was tested durin; al... ...ufact...g ...es,
stamping of motor-ca... ...it we... ...ab...
in order to produce ...
to slip lines, by st...
cold-rolled sheets ... i ...
of mechanical ageing ...

Card 1/4

The Production and Properties ... 58-3-22/31
Steel ...illed Non-Ageing Sh...

of vanadium or alumin... ...c ...onsi...ations,
aluminium is more adva ta... ...ion ...o low-
carbon rimming steel O.kp ... ...um in an amount
sufficient to obtain n... ...0... of residual
aluminium sharply increase... ...lity of steel against
mechanical ageing. Work hardening ... l a decrease in
plastic properties as well as the app...arance of the yield
stage on the tensile curve of such st...el is observed only
after an artificial ageing at 200 °C for one hour. On
deoxidation of the metal with aluminium shot in moulds,
when the level of the met... is about 150 - 200 mm below
the filling level, the quality of the surface of cold-
rolled sheets is higher than from killed steel deoxidised
with aluminium in the ladle and bottom-poured. Moreover,
for the deoxidation in moulds about 50% less aluminium is
required than for deoxidation in the ladle. Shrinkage
defects in ingots of killed steel top-poured into moulds
(wide and down) without tops, are completely welded during
cold rolling. Therefore, sheets made from the upper third
of ingots are not inferior in quality from those made from
the bottom half of the ingots. For the above reason, the

Card2/4

SOV/133-58-10-8/31

AUTHORS: Yefimov, L.M., Litvinenko, D.A., Candidates of Technical Sciences, Barziy, V.K., Marinov, A.I. and Yakushin, V.I., Engineers

TITLE: The Production of Semi-killed Steel (Proizvodstvo poluspokoynoy stali)

PERIODICAL: Stal', 1958, Nr 10, pp 885 - 890 (USSR)

ABSTRACT: An investigation of optimum deoxidation conditions for the production of semi-killed steel is described. Experimental heats were carried out when smelting 08ps and MSt3ps steels. Smelting technology was the same as for the production of corresponding rimming steels. Heats were carried out on 185-ton open-hearth furnaces with magnesite-chromite roofs, with supply of oxygen to the bath. The proportion of hot metal - 65%. Smelting conditions are described in some detail. The composition of experimental heats and teeming conditions are given in Table 1. A comparison of chemical non-uniformity of hot rolled strip from rimming and corresponding semi-killed steel is given in Table 2. It was found that semi-killed steel obtained by deoxidation of rimming steel in ingot moulds, corresponds as to microstructure and mechanical

Card1/2

A.T. MARINOV

AUTHOR: Gulyayev, B.B. SOV/24-58-4-37/39

TITLE: Conference on Crystallization of Metals (Soveshchaniye po kristallizatsii metallov)

PERIODICAL: Izvestiya Akademii Nauk SSSR, Otdeleniye Tekhnicheskikh Nauk, 1958, Nr 4, pp 153 - 155 (USSR)

ABSTRACT: This conference was held at the Institut mashinovedeniya AN SSSR (Institute of Mechanical Engineering of the Ac.Sc. USSR) on June 28-31, 1958. About 400 people participated and the participants included specialists in the fields of foundry, metallurgy, crystallography, physics, welding, heat, physical chemistry, mathematical physics and other related subjects. In addition to Soviet participants, foreign visitors included Professor D. Czikl (East Germany) and K.P. Chvostov (Czechoslovakia). This conference on crystallization of metals was the fourth conference relating to the general problem of the theory of foundry processes.

Crystallization of Steel and Alloys with Special Properties. The following papers were read:
V.I. Dobatkin, B.I. Shuvar, K.P. Rudachev, Ye.Ye. Okhrimenko and A.I. Marinov - "Certain Methods of Making Non-uniformities of Large Castings (up to 20 t) made of Fleming Steel"; V.K. Moritskiy, A.B. Nikul'chin and V.I. Zimin - "Influence of Internal Crystallizers on the Structure and Properties of Steel Ingots";
A.I. Zaverkin (Czechoslovakia) - "On the Crystallization of Steel"; A.F. Prosov - "Crystallization of Continuously Cast Ingot and Influence on it of the Properties of Liquid Steel"; L.I. Morozenskiy and O.D. Zigel' -

Card6/10 "Influence of Movement of the Metal in the Liquid Core on the Crystallization of Steel Ingots and Castings"; F.M. Shaklin, A.A. Borikova and B.B. Gulyayev - "Crystallization and Mechanical Properties of Steels at Elevated Temperatures"; V.Ye. Neyzark - "Influence of Inoculating on the Deformation of the Crust and the Speed of Solidification of Ingots"; G.F. Ivanov - "Thermal Stresses and Deformation in the Crust of a Crystallizing Ingot"; V.G. Grushin and P.I. Yashkin - "Defects of structural steel and the influence on it of the primary structure of pouring".

Card7/10 The features of crystallization of castings made of alloys with special properties and of austenitic steels were dealt with in the following papers:
I.I. Gorunov - "Influence of Inoculation on the Structure and on the Physico-Mechanical Properties of High-alloy Steels"; F.F. Khimushin, F.V. Akhsenov, N.F. Lashko and E.Ya. Rodina - "Occurrence of Non-uniformities in High-temperature alloys During Crystallization and Heat Treatment" and "Experimental Investigation of the Process of Crystallization of Cast Blades Made of Refractory Alloys"; A.K. Kulagov considered the process of crystallization of steel.

LAPITSKIY, V.I., doktor tekhn. nauk, prof.; MARINOV, A.I., inzh.; OYKS, G.N., doktor tekhn. nauk, prof.; OLEKSENKO, V.V., inzh.; ORLOV, V.I., kand. tekhn. nauk; RUDICHEV, K.P., inzh.; STUPAR', N.I., kand. tekhn. nauk, dots.

Reducing the inhomogeneity of large rimming steel ingots (up to 18 t.). Izv. vys. ucheb. zav.; chern. met. no.2:19-33 F '58. (MIRA 11:5)

1. Dnepropetrovskiy metallurgicheskiy institut, Moskovskiy institut stali i zavod "Zaporozhstal'."

(Steel ingots)

137-58-6-11462

Measurement of the Temperature (cont.)

pouring as well. A table of optimum temperatures at various times during the heat is given.

M.L.

1. Temperature--Measurement 2. Steel--Temperature factors 3. Thermocouples--Applications

Card 2/2

137-58-6-11462

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 6, p 30 (USSR)

AUTHORS: Mitskevich, O.V., Marinov, A.I.

TITLE: Measurement of the Temperature of Molten Steel by Means of Immersion Thermocouples at the Zaporozhstal' Plant (Zamer temperatury zhidkoy stali pri pomoshchi termopar pogruzheniya na zavode "Zaporozhstal' ")

PERIODICAL: Byul. nauchno-tekhn. inform. Ukr. n.-i. in-t metallov, 1957, Nr 3, pp 33-38

ABSTRACT: Special features of the design of W-Mo thermocouples used in the open-hearth department of the plant to measure the temperature of molten steel are described: the use of heat-stable coating (blast-furnace ball stuff with 10% added asbestos); the presence of apertures in the uncoated portion of the hood to eliminate condensation within the housing, reducing cases of damage from 30-40% to 2-3% (in winter); use of the same kind of W and Mo wires, in vinylchloride insulation, as lead wires. Temperature measurement is conducted in all heats at the start of the period of pure effervescence and before deoxidation, while in the case of rimmed-steels it is done at the time of

Card 1/2

MARINOV, A.I.

New conditions for the deoxidation of 12G2A steel. Metallurg no.11:22-23 N '56. (MLRA 10:1)

1. Rukovoditel' martenovskoy gruppy TSentral'noy zavodskoy laboratorii zavoda "Zaporozhstal'."

(Steel--Metallurgy)

ANTONYUK, F.T.; MARINOV, A.I.

Producing high-grade molten steel for automobile sheet metal.
Metallurg no.1:24-27 Ja '56. (MLRA 9:9)

1.Starshiy master martenovskogo tsekha (for Antonyuk).2.Rukovoditel' martenovskoy gruppy TsZL (for Marinov).
(Steel, Automobile)

SHOPOV,As.; DIMITROV,D.A.; IONCHEV,V.; MARINOV,At.; KOSTURKOVA,M.

On the treatment of pulmonary tuberculosis with cycloserine.
Suvrem. med.,Sofia 11 no.2-3:47-57 '60.

1. Iz Klinikata po ftiznatriia pri VMI "I.P.Pavlov" - Plovdiv, Direktor: prof. As. Shopov; i Klinikata po psikhiatriia pri Sushtiia Institut,Direktor: prof. K. Gholakov.
(CYCLOSERINE ther.)
(TUBERCULOSIS PULMONARY ther.)

MARINOV, A.

Case of favorable outcome of silicotuberculosis. Suvrem. med., Sofia 7 no.12:126-130 1956.

1. Iz Klinikata po ftiziatriia pri VMI I.P. Pavlov - Plovdiv (Direktor: prof. As. Shopov).
(TUBERCULOSIS, PULMONARY, case report
silicotuberc. (Bul))

MARINOV, At.; DIMITROV, D.

Frequency and therapy of tuberculous empyema. Suvrem.med., Sofia 6 no.8:41-53 1955.

1. Iz Klinikata po ftiziatriia pri Visshiia meditsinski institut I.P.Pavlov-Plovdiv (direktor: prof. As.Shopov)
(TUBERCULOSIS, PULMONARY, complications, pleural empyema, frequency)

MARINOV, Angel

Influence of some structural changes in the labor forces on the consumption of time and the productivity of labor. Trud tseni 6 no.8:23-33 '64.

MARINOV, Angel

Methodic bases for normalizing the number of auxiliary workers. Trud tseni 6 no. 3:12-23 '64.

MARINOV, Angel

For a more methodic unity in the labor standardization in machine building. Trud tseni 5 no. 8:17-27 '63.

MARINOV, An.; BELCHEV, Tsv.

Plan for a systematic implementation of technical normalization.
Trud tseni 4 no.4:62-67 '62.

MARINOV, Al.

Course and outcome of schizophrenia (preliminary report). Zhur. nevr. i psikh. 61 no.11:1723-1727 '61. (MIRA 15:2)

1. Psikhonevrologicheskaya bol'nitsa G.Byala, Rusenskiy okrug, Bolgariya.
(SCHIZOPHRENIA)

BULGARIA/Chemical Technology - Chemical Products and Their Application. Electrochemical Manufacturing. Electrodeposition. Chemical Sources of Electrical Current. H-12

Abs Jour : Ref Zhur - Khimiya, No 8, 1958, 25781

Author : Mutafchiyev Tsv., Marinov Al.

Inst : Chemical-Technological Institute.

Title : Electrochemical Oxidation of Gamma-Ethyl Pyridine to Isonicotinic Acid (Gamma-C_5H_4NCOOH).

Orig Pub : Godishnik khim.-tekhnol. in-t, 1955 (1956), 2, No 1, 193-200

Abstract : A study of the process of electrochemical oxidation of gamma-ethyl pyridine (I). In an electrolyzer without a diaphragm the isonicotinic acid (II) could not be produced even on addition to the electrolyte of 0.1-0.2%

Card 1/2

MARINOV, A., general-mayor

Voenizdat. Komm. Vooruzh. Sil 46 no.22: 91-93 N '65.
(MIRA 19:1)

1. Zamestitel' nachal'nika upravleniya Voyennogo izdatel'stva.

DULEV, K., dots.; MARINOV, A.

Labor standardization during the changes in serial production in the machinery industry. Trud tseni 4 no.10:40-52 '62.

MARINOV, A., inzh

Acoustics of the halls. Radio i televiziia 10 no.11/12:367-368 '61.

MARINOV, A.

"New investigation of the nonlinear distortion in magnetic-sound recording."

TEKHIKA. Sofiia, Bulgaria., Vol. 7, No. 8, 1958

Monthly list of EAST EUROPEAN ACCESSIONS (EEAI), LC, Vol. 8, No. 7, July 1959, Unclas

L 2862-66

ACCESSION NR: AP5026372 RU/0011/65/009/002/0059/0064

AUTHOR: Dumitrescu, S. (Lecturer); Marinoiu, V.

28
B

TITLE: Static and dynamic characteristics of fractional columns

SOURCE: Automatica si electronica, v. 9, no. 2, 1965, 59-64

TOPIC TAGS: chemical engineering, fractional distillation, automatic control

ABSTRACT: The authors summarize some important elements in the study of the dynamics and statics of the fractionating process in plate columns, and discuss some dynamic characteristics that were obtained experimentally on industrial columns. Orig. art. has 4 figures, 5 formulas, and 2 graphs.

ASSOCIATION: none

SUBMITTED: 00 ENCL: 00 SUB CODE: GC, IE

NO REF SOV: 003 OTHER: 003 JPRS

Card 1/1

MARINOIU, V.; PREDA, I.; TERTISCO, M.

Devices for studying the dynamic behavior of drilling units. Bul Inst Petrol Rum 9; 161-169 '63.

DUMITRESCU, Stelian; MARINOIU, Vasile; TERTISCO, Mihai

Experimental increasing of the dynamic characteristics of some equipment in the oil industry. Probleme automatiz 4:79-86 '63.

PETROVANU, Dan, lector (Iasi); CHIRIAC, V., prof.; ARMEANU, Aurora, prof.; MARINO, Maria; LUCA, E.

Observations on the arithmetic manual for grade 6. Gaz mat fiz 15 no.7:364-372 Jl '63.

MARINO, Khr., inzh.

Determining the number of teeth in cogwheels of planetary gears.
Mashinostroene 13 no.9:35-40 S '64.

DEMIAN, Maria; MARINO, Dan, ing.

Characterizing electrocorundum granules by the mechanical resistance to compression. Constr mas 15 no. 9:619-622 S '63.

1. Carbochim, Cluj.

Marino, D.; Rappaport, M.

Graphitization of carbon electrodes. p. 138.

REVISTA DE CHIMIE. (Ministerul Industriei Petrolului si Chimiei si Asociatia Stiintifica a Inginerilor si Technicienilor din Rominia) Bucuresti, Rumania. Vol. 10, no. 3, Mar. 1959.

Monthly list of East European Accessions (EEAI) LC, Vol. 8, no. 8, Aug. 1959

Uncl.

MARINO, B.

RUMANIA / Chemical Technology. Chemical Products and Their Applications. Pharmaceuticals. Vitamins. Antibiotics. H

Abs Jour: Ref Zhur-Khimiya, 1959, No 4, 12828.

Author : Puscaru, E.; Marino, B.; Muresan, V.; Simionovici, M.
Inst : Not given.
Title : On the Inspection of Arsenobenzene Preparations.

Orig Pub: Farmacia (Romin.), 1957, 6, No 6, 495-501.

Abstract: In view of the variety of imported As-benzene compounds and methods of their physio-chemical and biological inspection, the authors developed a single method for their inspection. On the basis of experimental investigations, technical standards were established which can be used during clinical, biological and chemical inspections for determining the therapeutic effectiveness and absence of toxicity of these preparations. -- A. Vavilova.

Card 1/1

L 34672-66 EWP(e) WW/WH

ACC NR: AP6025836 SOURCE CODE: YU/0020/65/000/004/0007/0011

AUTHOR: Marinkovic, Slobodan--Marinkovich, Slobodan (Doctor physico-chemical sciences; Scientific assistant)

ORG: Institute of Nuclear Sciences "Boris Kidric", Vinca (Institut za nuklearne nauke)

TITLE: Methods for determination of reactor-grade graphite characteristics

SOURCE: Nuklearna energija, no. 4, 1965, 7-11

TOPIC TAGS: graphite, nonstructural mineral product, mechanical property, irradiation effect

ABSTRACT: Methods for determining the nuclear, thermal, structural, electronic chemical, and mechanical properties of graphite along with its density, porosity, permeability, and corrosion are described. Methods are also discussed for determining the properties of irradiated graphite. Orig. art. has: 2 figures. [NA]

SUB CODE: 11, 08, 20 / SUBM DATE: none / ORIG REF: 001 / OTH REF: 006

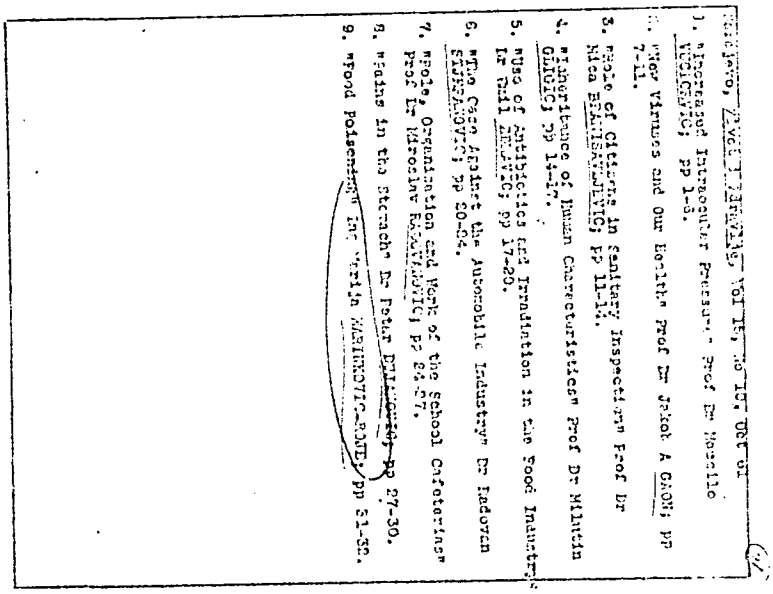
LS

Card 1/1

MARINKOVIC-ROJE, Marija, inz.; NIKOLIC, Miroslav, dr.

Oceanographic research in the areas of Rovinj and Limski kanal during 1959-1961. Hidrograf god [illegible].

MARINKOVIC-ROSE, MARIJA



MARINKOVIC-ROJE, Marija, ing.

Oceanographic research in the Rovinj area and in the Channel of Lim. Hidrograf.god 1958 (Published 1959):103-124. (NEAI 9:5)

1. Institut za biloeska istrazivanja u Roviuju.
(Yugoslovia--Oceanography)

BOZIC, E.; HRS-BENKO, M.; MARINKOVIC-ROJE, M., inz.; NIKOLIC, M., dr.

Hydrographic observations in the Rovinj and Limski Kanal areas in 1961 and 1962. Hidrograf god 81-101 '62.

MARINKOVIC-GOSPODETNIC, Mara

Dynamics of the populations of Hydropsyche fulvipes Curtis and Hydropsyche saxonica McLachlan (Trichoptera). God Biol. inst Ser 14 no.1/2:15-34 '61

1. Prirodno-matematicki fakultet, Sarajevo.

VUKOVANOVIC, Slobodan, M.; MARINKOVIC, Vuka

Acrodynia. Med. glasn. 10 no.7:275-279 July 56.

1. Dermatovenereloska klinika (upravnik prof. dr. S. Ilic) i III Interna klinika Medicinskog fakulteta u Beogradu (v.d. upravnika doc. dr. B. Bozovic).
(ACRODYNIA case report
(Ser))

MARINKOVIC, Vukosava

Our experiences in the treatment of skin tuberculosis with isoniazid. Med. pregl., Novi Sad 8 no.2-3:136-143 1955.

1. Dermatovenerološka klinika Medicinskog fakulteta Beograd. Upravnik: prof. dr. Sima Ilic.

(TUBERCULOSIS, CUTANEOUS, ther., isoniazid, value. (Ser))
(NICOTINIC ACID ISOMERS, ther. use isoniazid in cutaneous tuberc., value.(Ser))

0

YUGOSLAVIA/Farm Animals. Domesticated Fowl.

Abs Jour: Ref Zhur-Biol., No 20, 1958, 92632.

Author : Marinkovic, Vojko
Inst :
Title : The Influence of Alfalfa Hay Meal on Chicken Egg-Laying.

Orig Pub: Arhiv poljopr. nauke, 1957, 10, No 29, 47-57.

Abstract: Alfalfa hay was used as fodder in tests made in the winter and spring. The egg-laying of chickens whose feed contained alfalfa hay was higher than in chickens whose feed did not contain it. The best results were gotten when alfalfa comprised 7.4% of the chickens' diet. When alfalfa hay meal comprised 14.8% of the feed, the egg-laying was not any worse, although the growth of

Card : 1/2

MARINKOVIC, Vladeta, dipl. inz.

Compensation circuits for high-frequency wide-band video amplifiers, i.e. for reducing response time in impulse amplifiers. Telekomunikacije 13 no.3/4:7-14 O-D '64.

MARINKOVIC, Vladeta, ing.

Quantitative measuring of linear distortion. Telekomunikacije 9 no.4:14-15 O '60. (EEAI 10:3)
(Telecommunication)

MARINKOVIC, Vladeta, Engineer

Compensation series with a conductor. Telekomunikacije 9 no.1:8-10 Ja '60. (EEAI 9:8)
(Electric circuits) (Electric conductors)

Marinkovic, V.

Compensational parallel of large-bande amplifiers; characteristics of weak-circuit stoppers. p. 6

Telekomunikacije. Beograd, Yugoslavia. Vol. 8, no. 3, July 1959

Monthly List of East European Accessions (EEAI) LC Vol. 9, no. 2, Feb. 1960

Uncl.

MARINKOVIC, V.

Maximum modification of the curve indicating the retardation of time. p. 8.

Periodical: TELEKOMUNIKACIJE.

Vol. 8, no. 1, Jan. 1959.

TECHNOLOGY

SO: Monthly List of East European Accessions (EEAI) LC

Vol. 8, no. 4
April 1959, Uncl.

MARINKOVIC, Veselin

Abortion in anaphylactic shock caused by sensitization to vitamin B-12. Srpski arh. celok. lek. 90 no.5:547-549 My '62.

1. Interno odeljenje Opste bolnice u Tisovom Uzicu Sef: prim. dr. Veselin Marinkovic.
(VITAMIN B-12) (ANAPHYLAXIS) (ABORTION)

MARINKOVIC, Veselin

Nutrition and stomach diseases. Srpski arh. celok. lek. 88 no.6: 705-710 Je '60.

1. Interno odeljenje Opste bolnice u Titovom Uzicu. Sef: dr Veselin Marinkovic.

(STOMACH dis) (NUTRITION)

MARINKOVITCH, V.; ARNOVLJEVITCH, V.; CHAHOVITCH, X.

Modification of radiophosphorus level in the organs in rats in hyperthermia and in hypothermia. Bull. Acad. serbe sc., classe med. 15 no.3:3-4 1956.

1. Institut de recherches medicales de l'Academie serbe des Sciences.

(PHOSPHORUS, radioactive,
metab., eff. of exper. fever & hypothermia (Fr))
(FEVER, experimental,
eff. on radiophosphorus metab. (Fr))
(BODY TEMPERATURE,
hypothermia, exper., eff. on radiophosphorus metab. (Fr))

SAHOVIC, K; ARNOVLJEVIC,V; MARINKOVIC, V; ANAF, M; MILUTINOVIC,P.

Studies on functional value of grafting of the adrenals into the eye in rats; effect of grafting ondistribution of radioactive phosphorus and iodine in the organism of adrenalectomized rats. Glas.Srpske akad.nauka,odelj.med.215 no.9:93-100 1955.

1. Institut za patolosku fiziologiju SAN.

(ADRENAL GLANDS, transplantation,
intra-ocular grafts,eff. on radioiodine & radio-phosphorus metab. in rats)
(PHOSPHORUS, radioactive,
metab.,eff. of intra-ocular adrenal grafts in rats)
(IODINE, radioactive,
metab.effl of intra-ocular adrenal grafts in rats)
(EYE, physiology,
eff. of adrenal grafts in anterior chamber on radio iodine & radiophosphorus metab.)

SAHOVIC, K; ARNOVLJEVIC, V; MARINKOVIC, V; MILUTINOVIC, P.

Distribution of radioactive iodine and phosphorus in the organism in rats in experimental tumors produced with benzopyrene. Glas. Srpske akad.nauka, odelj.med. 215 no.9:5-12 1955.

1. Institut de physiologie pathologique de l'Academie Serbe des Sciences.

(IODINE, radioactive,
metab. in exper.cancer)
(PHOSPHORUS, radioactive,
metab. in exper.cancer)
(NEOPLASMS, experimental,
radioiodine & radiophosphorus metab. in)

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Blood potassium in hypothyroidism in rats. Glas.Srpske akad. nauka, odelj.med. 215 no.9:1-4 1955.

(HYPOTHYROIDISM, experimental, blood potassium in)
(BLOOD, potassium in exper.hypothyroidism)
(POTASSIUM, in blood, in exper.hypothyroidism)

MARINKOVIC, V.

ARNOVLJEVIC, V.; SAHOVIC, K.; MARINKOVIC, V.; ANAF, M.

Effect of hypophysectomy and adrenalectomy on distribution of radiophosphorus in rat organs. Glas Srpske akad. nauka, odelj. med. no.8: 77-81 1953

1. Institut za patolosku fiziologiju SAN; primljeno na IX skupu Odeljenja medicinskih nauka 25.VI.1953 g.

(PHOSPHORUS, radioactive
*distribution in various organs, eff. of hypophysectomy & adrenalectomy in rats)
(PITUITARY GLAND, eff. of excis.
*on radiophosphorus distribution in various organs in rats)
(ADRENAL GLANDS, eff. of excis.
*on radiophosphorus distribution in various organs in rats)

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Changes of radiophosphorus content in rat organs during hyperthermia and hypothermia. Glas Srpske akad. nauka, odelj. med. no.8:57-62 1953.

1. Institut za patolosku fiziologiju SAN; primljeno na VII skupu Odeljenja medicinskih nauka 14.V.1953 g.

(BODY TEMPERATURE
*hyperthermia & hypothermia, exper., eff. on radiophosporus distribution in rat)
(PHOSPHORUS, radicactive
*distribution in various organs, eff. of exper. hyperthermia & hypothermia in rats)

MARINKOVIC, V.; ARNOVLJEVIC, V.; SAHOVIC, K.

Distribution of radiophosphorus in rat organs in deep hypothermia. Glas Srpske akad. nauka, odelj. med. no.8:53-56 1953.

1. Institut za patolosku fiziologiju SAN; primljeno na VII skupu Odeljenja medicinskih nauka 14.V.1953.

(BODY TEMPERATURE
*hypothermia, exper., eff. on radiophosphorus distribution in rats)
(PHOSPHORUS, radioactive
*distribution in various organs, eff. of exper. hypothermia in rats)

NAVINSEK, Boris, inz.; Marinkovic, Velibor, dipl. chem.; KRASEVEC, Viktor, inz.

Ionic etching of nuclear materials. Rud met zbor no.1:63-68 '63.

1. Nuklearni institut "J. Stefan," Ljubljana, Jamova 39.

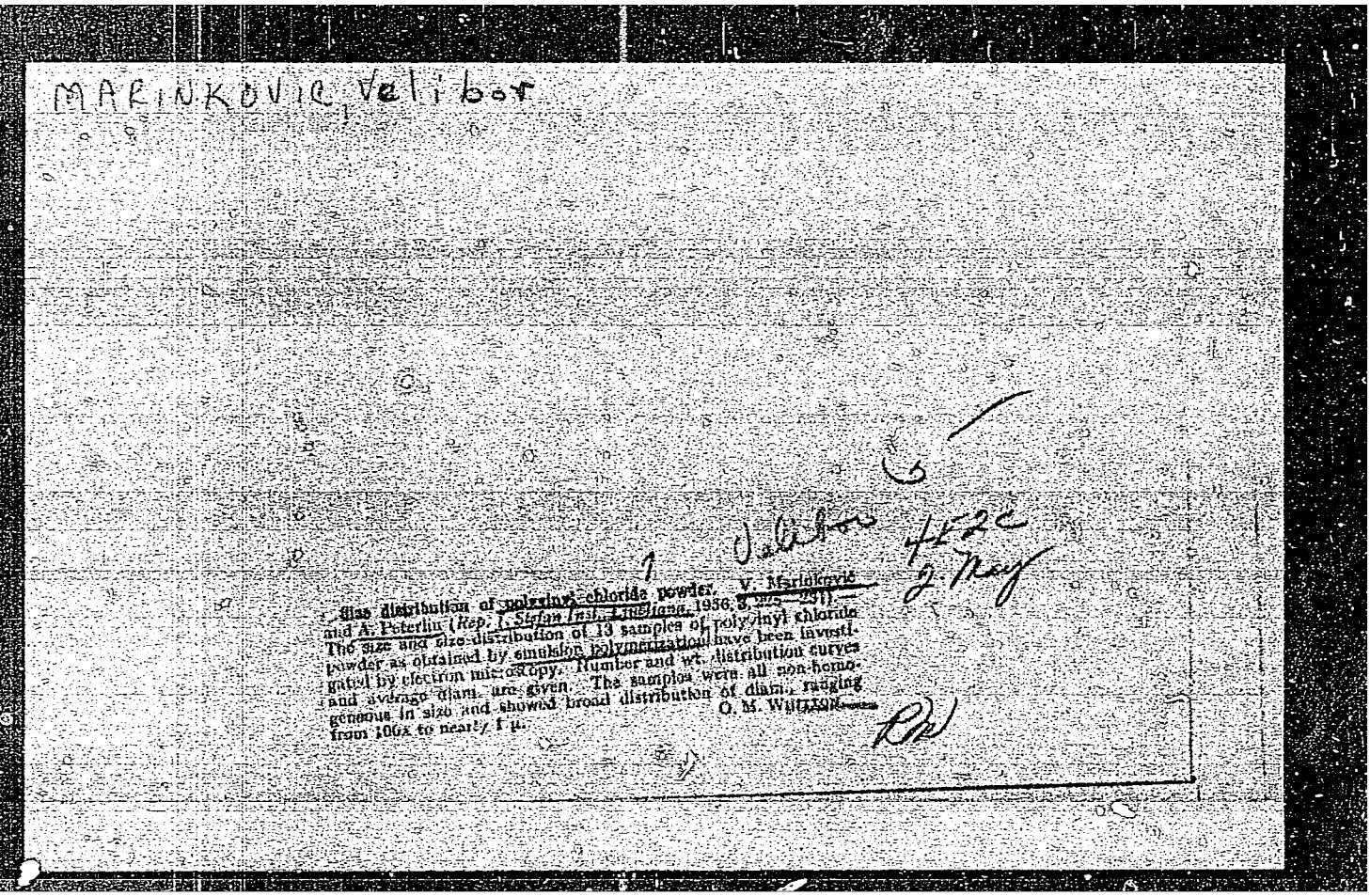
KOLAR, Drago, inz.; MARINKOVIC, Velibor, dipl. chem.

Sintering of uranium dioxide in temperatures between 900° and 1350°C. Rud met zbor no.1:57-62 '63.

1. Nuklearni institut "Jozef Stefan", Jamova 39, Ljubljana.

MARINKOVIC, Velibor

Vacuum evaporation in electronic microscopy. Nova prozv 13 no.1:77-80 '62.



MARINKOVIC, Velibor

Size distribution of polyvinyl chloride powder. V. Marinkovic and A. Peterlin (*Rep. J. Stefan Inst., Ljubljana*, 1956, 3, 275–291). The size and size-distribution of 13 samples of polyvinyl chloride powder as obtained by emulsion polymerization have been investigated by electron microscopy. Number and wt. distribution curves and average diam. are given. The samples were all non-homogeneous in size and showed broad distribution of diam., ranging from 100x to nearly 1 μ.

O. M. Wilson

MARINKOVIC, Slobodan N.

Possibility of a substantial intensification of the spectra of impurities present in uranium, and its application in a direct spectrochemical analysis of uranium oxides. Bul Inst Nucl 11:163-172 '61.

1. Institute of Nuclear Sciences "Boris Kidrich," Department of Physical Chemistry, Vinca.

RISTIC,Slobodan; PREMERU,Ante; MARINKOVIC,Slobodan; MARINKOVIC,Momir

A very interesting case of the application of spectrochemical analysis for criminologic purposes. Glas Hem dr 25/26 no.3/4: 223-233 '60/'61

1. Institut za nuklearne nauke "Boris Kidric," Beograd - Vinca.

MARINKOVIC, Slobodan N.

Study of the processes in the electrodes at the spectrochemical analysis of uranium. Glas Hem dr 25/26 no.3/4:207-208 '60/'61

1. Institute of Nuclear Sciences "Boris Kidric," Beograd - Vinca.

MARINKOVIĆ, S.

YUGOSLAVIA / Analytic Chemistry. Analysis of Inorganic Substances. E

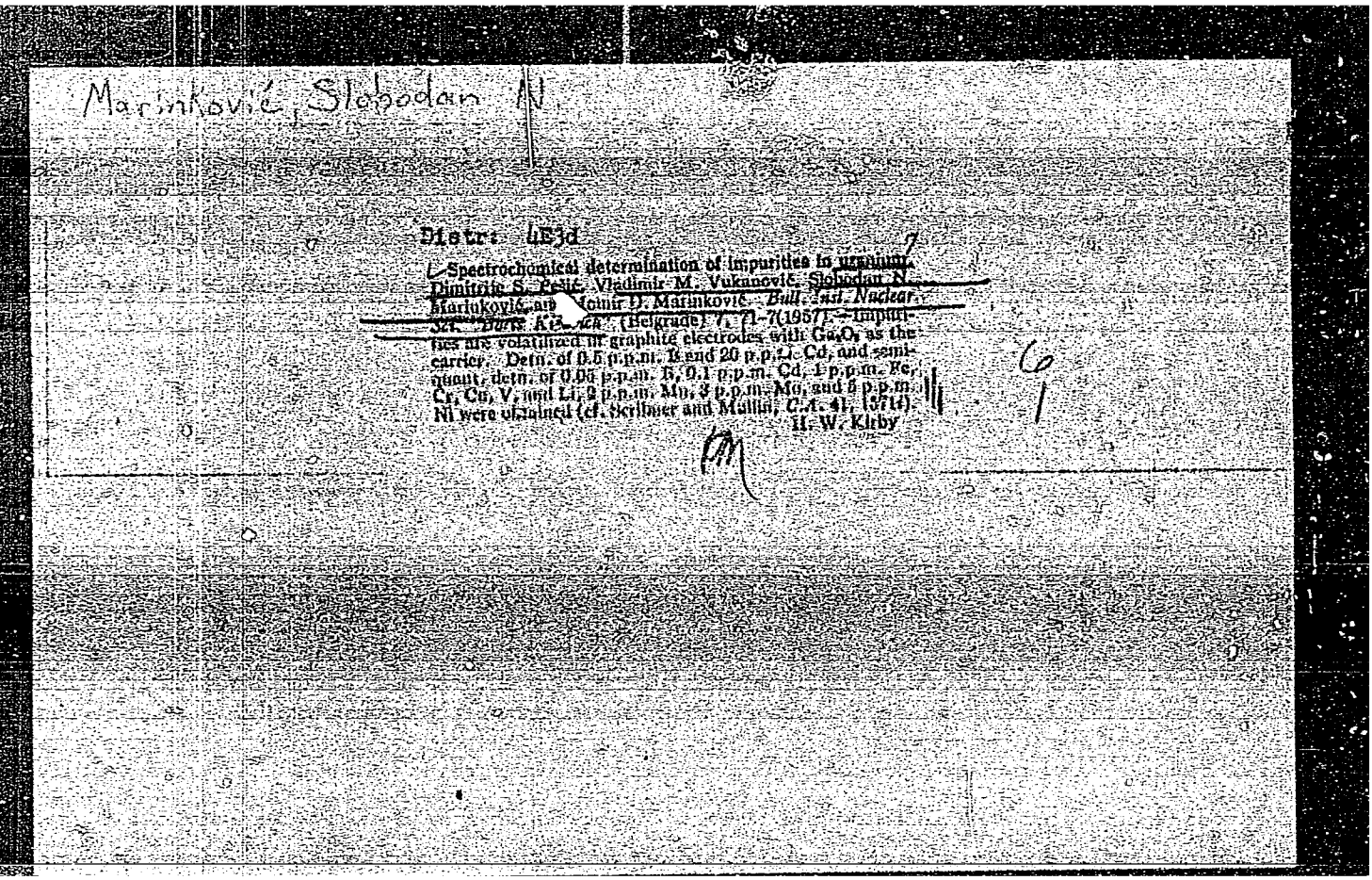
Abs Jour: Ref Zhur-Khimiya, No 18, 1958, 60626.

Author : Slobodan Marinkovic.
Inst : Chemical Society, Yugoslavia.
Title : Determination of Helium in Natural Gases of Yugoslavia.

Orig Pub: Glasnik Hem. drustva, 1957, 22, No 1, 55-60.

Abstract: The separation of He from other components of natural gases and its spectroscopic determination were carried out with a specially constructed apparatus (its scheme is presented). The chemically active gases were eliminated by their condensation

Card 1/2



Marinković, Slobodan N.

Distr: 4E3d

Spectrochemical determination of impurities in uranium. Dimitrije S. Pešić, Vladimir M. Vukanović, Slobodan N. Marinković, and Nomir D. Marinković. *Bull. Inst. Nuclear Sci. Boris Kidrič* (Belgrade) 7, 71-7(1957).—Impurities are volatilized in graphite electrodes with Ga_2O_3 as the carrier. Detn. of 0.5 p.p.m. B and 20 p.p.m. Cd, and semiquant. detn. of 0.05 p.p.m. B, 0.1 p.p.m. Cd, 1 p.p.m. Fe, Cr, Cu, V, and Li, 2 p.p.m. Mn, 3 p.p.m. Mg, and 5 p.p.m. Ni were obtained (cf. Scribner and Mullin, C.A. 43, 1971d). H. W. Kirby

YUGOSLAVIA / Plant Diseases. Forest Trees. O

Abs Jour: Ref Zhur-Biol., No 13, 1958, 58851.

Author : Marinkovic, Pr.; Marinkovic, B.
Inst : Not given.
Title : The Effect of Rot on the Quality of Wood in Brush Plantings of the Scrub Oak in Srem.

Orig Pub: Shumarstvo, 1957, 10, Nos 3-4, 168-178.

Abstract: The effect of tree-destroying fungi on the quality of lumber was investigated. The clear loss of wood pulp constituted 1.74% (by volume, at the expense of the kerf). Among discovered species, the most widely distributed and most energetic destroyers of wood pulp are Polyporus sulphureus and P. dryophilus. It is recommended to discount the role played by the tree-destroying fungi at the determination of tree-felling rotation, taking it into

Card 1/2

SLJIVIC, D.; BOSKOVIC, M.; BOGDANOVIC, D.; MARINKOVIC, R.

Anatomical and experimental studies on the aorto-mesenteric arterial angle and on its role in the pathogenesis of arterio-mesenteric ileus of the duodenum. Glas. Srpske akad. nauka, odelj. med. 248 no.16:111-125 '61.

(INTESTINAL OBSTRUCTION)
(DUODENAL DISEASES)
(MESENTERIC ARTERIES)

SOLDATOVIC, Ksenija, dr.; TODOROVIC-MARKOVIC, Radmila, dr.; MARINKOVIC, Olga, biochem.

Value of the cytological examination of tonsillar virocytes in the diagnosis of infectious mononucleosis. Lijecn. vjesn. 86 no.5:581-585 My '64

1. Iz Infektivnog odjeljenja i Biohemijskog laboratoriuma Opste bolnice u Nisu.

MARINKOVIC, Momir

A universal semi-quantitative spectrochemical method for the analysis of powdered samples. Bul Inst Nucl 14 no. 3: 111-124 Jl '63.

1. Department of Physical Chemistry, Boris Kidric Institute of Nuclear Sciences, Beograd-Vinca.

MAKSIMOVIC, Zoran B.; CERANIC, Tatjana; MARINKOVIC, Momir

Chemical and radiochemical analysis, and purification, of the heavy water taken from the RA reactor. Bul Inst Nucl 13 no.1:19-33 Ap '62.

1. The Boris Kidrich Institute of Nuclear Sciences, Hot Laboratory Department, Vinca.

RISTIC,Slobodan; PREMERU,Ante; MARINKOVIC,Slobodan; MARINKOVIC,Momir

A very interesting case of the application of spectrochemical analysis for criminologic purposes. Glas Hem dr 25/26 no.3/4: 223-233 '60/'61

1. Institut za nuklearne nauke "Boris Kidric," Beograd - Vinca.

MARINKOVIC, Momir D.; RAJIC, Srbobran R.; JOVICIC, Olivera M.

Direct spectrochemical determination of boron in graphits.
Glas Hem dr 25/26 no.3/4:209-215 '60/'61

1. Institute of Nuclear Sciences "Boris Kidric," Laboratory of Physical Chemistry, Beograd - Vinca, Institute for Technology of Mineral Raw Materials, Beograd.

S/081/63/000/002/005/088
B180/B186

AUTHORS: Ristić, Slobodan S., Marinković, Momir R.

TITLE: Isotope concentration relation of uranium and the problem of its spectrochemical determination

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 2, 1963, 53, abstract 2B316 (Glasnik khem. drusht. Beograd, v. 25-26, nos. 3-4. 1960-1961, 25-26 [Serbo-Croat.; summary in Eng.])

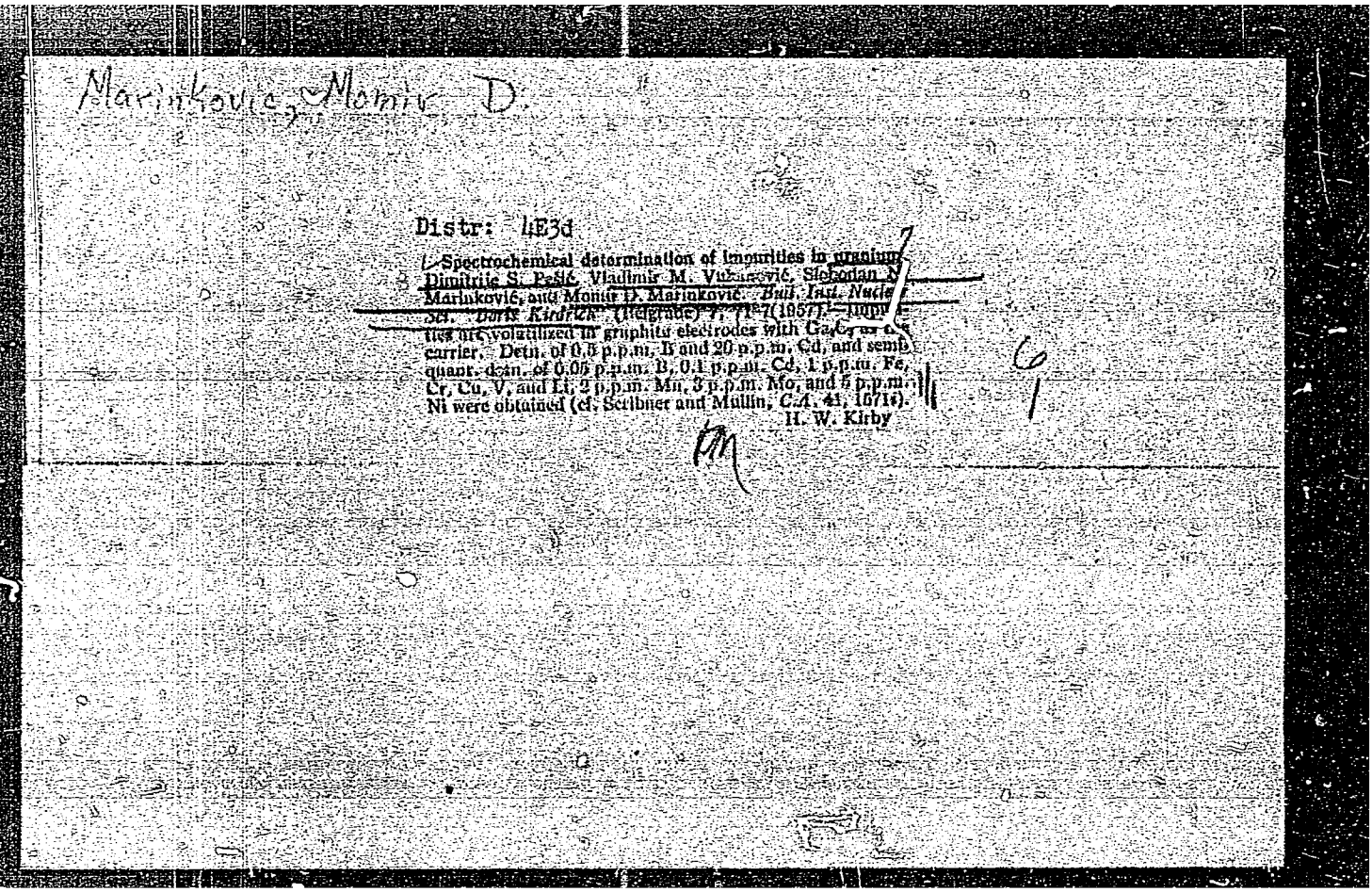
TEXT: After a brief analysis of published data on the determination of the concentration relation of U isotopes and methods used therefor, the authors discuss the problem of the spectrochemical determination of U^{235} in U^{238} in the light of preliminary experimental work carried out on spectrographs, types Hilger E-478 and Jarrel-Ash 3.4 t. One spectrogram, which was obtained on the latter instrument in the fourth series (without a series classifier) showed a line very similar to the U^{235} line which has greater isotope shift. [Abstracter's note: Complete translation.]

Card 1/1

MARINKOVIC, M. D.

Spectrochemical determination of thorium by direct current arc. Momir D. Marinković (Inst. Nuclear Sci. "Boris Kidrich," Belgrade, Yugoslavia). *Bull. Inst. Nuclear Sci. "Boris Kidrich"* (Belgrade) 9, 215–17(1959).—A modification of the method of Dutra and Murata (*C.A.* 49, 3725i) for the direct detn. of Th in minerals, consisting of the substitution of CuO as spectroscopic buffer, is presented. The sample is mixed with CuO contg. 0.555% zirconia and is then incorporated with C powder. An aliquot of the mixt., inserted into the drilled cavity of a C rod anode, is then sparked by a 10 amp. d.c. arc and analyzed with a Hilger E-472 quartz spectrograph at the Th II 2870.4/Zr II 2844.5 A. anal. line pair. The max. observed error of the analysis was about 8% in the range of 1–17% ThO_2.

Lloyd Kahn



Marinkovic, Momir D.

Distr: 4E3d

Spectrochemical determination of impurities in uranium. Dimitrije S. Pešić, Vladimir M. Vučković, Slobodan N. Marinković, and Momir D. Marinković. *Bull. Inst. Nucl. Sci. "Boris Kidrič"* (Belgrade) 7, 71-7(1957).—Impurities are volatilized in graphite electrodes with $CaCO_3$ as carrier. Detn. of 0.5 p.p.m. B and 20 p.p.m. Cd, and semiquant. detn. of 0.05 p.p.m. B, 0.1 p.p.m. Cd, 1 p.p.m. Fe, Cr, Cu, V, and Li, 2 p.p.m. Mn, 3 p.p.m. Mo, and 5 p.p.m. Ni were obtained (cf. Scribner and Mullin, *C.A.* 41, 1671i). H. W. Kirby

MARINKOVIC, M.

Considering some problems of the modern telegraph network. p.1.
(Telekomunikacije, Vol. 5, no. 4, October, 1956. Beograd, Yugoslavia)

SO: Monthly List of East European Accessions. (EEAL) LC. Vol. 6, No. 7,
July 1957. Uncl.

MARINKOVIC, Milinko (Eng.)

"The application of servo-mechanismus in telegraph installating"

SO: TEHNIKA No 7, Year X, - 1955

MARINKOVIC, M.

Electronic equipment for the Morse telegraph. p.1.
TELEKOMUNIKACIJE. Vo. 4. No. 3. July 1955. Beogra d.

SOURCE: East European Accessions List (EEAL), Library of Congress, Vol. 4, No. 12, December 1955.

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JOVANOVIC, Olivera, vet.; HADZIC, Radinka, dr.; MARINKOVIC, Milanka, lab.; RASIC, Jeremija, ing.

Some observations on the study of hygienic and nutritive properties of yogurt and sour milk. Glas. hig. inst. 10 no.3/4:1-8 Jl-D '61.

1. Higijenski institut NRS. Institut za mlekarstvo FNRJ.

(DAIRY PRODUCTS)

JEFTIC, Zivojin, doc.dr.; RUBER, Gij, prof.dr. TRNINIC, Borivoje; MARINKOVIC, Marko.

Diaphragmatic hernia of the esophageal hiatus. Med. glas. 17 no.8:336-340 Ag-S'63

1. Interna klinika "B" univerziteta u Nansiju (upravnik: prof. dr. P.Kisel) i Interna klinika Medicinskog fakulteta u Sarajevu (upravnik: prof.dr.B.Zimonjic).

MARINKOVIC, Marko

Conditions under which the use of the frequency reponse function of a filter would be an adequate basis for its transient response analysis. Zbor Ins Tesla 3:79-89 '60.

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A 2.2 meter modified Eagle grating spectrograph. Bul Inst Nucl 14 no.1:35-41 Ja '63.

1. Department of Analysis and Metrology of the Boris Kidric Institute of Nuclear Sciences.

VRUBLEVSKAYA, N. A.; MAZING, M. A.; MARINKOVIC, M.

"Spectral Al III Line Broadening and Shift in Strongly Ionized Plasma."

report submitted to 11th Intl Spectroscopy Colloq, Belgrade, 30 Sep-4 Oct 63.

Physics Inst im P.N. Lebedev, AS USSR, Moscow.

SIMIC, B.S.; BODICEVIC, J.; ATANACKOVIC, V.; DJIVANIVIC, B.; JEVTIC, S.; MARINKOVIC, M.; BAKIC, V.; RASIC, M.; MANDIC, M.; Statisticka spoluprace: TODOROVIC, P.

Effect of vitamin and trace element supplements on the health and work productivity of workers in the steel industry. Cesk. gastroent. vyz. 19 no.5:282-289 Jl '65.

1. Federativni ustav verejneho zdravotnictvi a Ustav hygieny lekarske fakulty university v Belehrade.

MARINKOVIC, M.

The Institute of Marine Biology in Rovinj. p. 14.
The maritime meteorologic service. p. 15.
(GODISNJAK, Yugoslavia, 1955 (published 1956.)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 7, July 1957.Uncl.

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The Institute of Marine Biology in Rovinj; brief survey of achieved works; hydrographic surveying near Rovinj in the year 1954/55. p. 33. (GODISNJAK, Yugoslavia, 1955 (published 1956.)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 7, July 1957. Uncl.

MARINKOVIC, M.

COUNTRY : YUGOSLAVIA P
CATEGORY : General and Specialized Zoology. Insects. Systematics and Faunistics
ABS. JOUR. : RZhBiol., No. 22 1958, No. 100746

AUTHOR : Marinkovic, M.
INST. : Academy of the NPF Yugoslavia
TITLE : Two New Species of the Group Chaetopteryx Collected in the Environs of Sarajevo

ORIG. PUB. : Bull. Scient. Conseil. Acad. NPF Yougosl., 1957, Vol.3, No.4, 157-158
ABSTRACT : New descriptions and drawings of details of the construction of Ch. bosniaca and Annitella triloba.

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MARINKOVIC, M.

The Institute of Marine Biology in Rovinj. p. 21.

GEOLOSKI VJESNIK. (Zavod za geoloska istrazivanja Hrvatske i Hrvatsko geolosko drustvo) Zagreb, Yugoslavia. 1954 (published 1955)

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Uncl.

JEVTIC, Z., doc., dr; RAUBER, G., prof., dr; TRNINIC, B., dr; MARINKOVIC, M., dr

Minute intubation in the diagnosis of biliary dyskinesia. Med. glas. 16 no.5:230-232 My '62.

1. Universite de Nancy, Centre hospitalier regional clinique medicale "B" (Prof. dr M. Kissel) Interna klinika Medicinskog fakulteta u Sarajevu (Upravnik: prof. dr B. Zimonjic)

(BILIARY TRACT dis)

5

HADZIC, R.; JOVANOVIC, O.; MARINKOVIC, M.; RASIC, J.

Contribution to the study of milk pasteurization in some dairies in Serbia. Higijena 13 no.2:123-130 '61.

(MILK microbiol)

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GEOLOSKI VJESNIK. (Zavod za geoloska istrazivanja Hrvatske i Hrvatsko geolosko drustvo) Zagreb, Yugoslavia. 1954 (published 1955).

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Uncl.

TACAKOV, Jovan (Beograd); MARINKOVIC, J. (Beograd); MARINKOVIC, L. (Beograd)

Use of medicinal plants and essential oils in the manufacture of hygienic cosmetic preparations. Farmaceut gl Zagreb Supplement (Is) no.5:44-45 '62

1. Research Institute for Medicinal Plants of Serbia, Belgrade and "Merima" Factory, Krusevac.

TACAKOV, Jovan (Beograd); MARINKOVIC, J. (Beograd); MARINKOVIC, L. (Beograd)

Use of medicinal plants and essential oils in the manufacture of hygienic cosmetic preparations. Farmaceut gl Zagreb Supplement (18) no.5:44-45 '62

1. Research Institute for Medicinal Plants of Serbia, Belgrade and "Merima" Factory, Krusevac.

MARINKOVIC, J.

"For correct grading in military schools."

p. 766 (Vojno Delo) Vol. 9, no. 10/11, Oct./Nov. 1957
Belgrade, Yugoslavia

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

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Artillery through the centuries. p. 721.

VOJNO-TEHNICKI GLASNIK. Beograd, Yugoslavia. Vol. 3, no. 10, Oct. 1955.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 9, Sept. 1959.

Uncl.

MARINKOVIC, Ivan J., Prim.Dr. ; SOFRONIC, Andjelija, asist.dr.

Fixed erythema. Med.preg., Novi Sad 8 no.1:10-13 1955.

1. Dermatovenerološka klinika Medicinskog fakulteta--Beograd
Upravnik: prof.dr Sima Ilic.
(ERYTHEMA,
fixed, etiol., drugs (Ser))
(DRUGS, inj.eff.
fixed erythema (Ser))

DJORDJEVIC, Slo...dan; MARINKOVIC, Ilija

Surgical therapy of congenital midline fistulas of the thyroglossal tract. Srpski arh. celok. lek. 87 no.10:895-904 O '59.

1. Otorinolaringoloska klinika Medicinskog fakulteta u Beogradu, upravnik: prof. dr Sredko Podvinec.
(FISTULA surg.)
(NECK abnorm.)

MARINKOVIC, Dragoje, inz.

A parallel study of two gravimetric methods for determining sugar in wine. Kem ind 12 no.9:678-680 S '63.

1. Institut za vinogradarstvo i vinarstvo, Zagreb.