

L 59258-65

ACCESSION NR: AT5014706

2

and their amortization. Proposed mill capacities and monetary costs are discussed for a number of areas of the USSR, including the RSFSR, the Ukraine, Belorussia, Georgia, Kazakhstan and Latvia. The final chapter of the article deals with the question of the specialization of the section-bending mills. The authors note that such specialization will make it possible: 1) to broaden the assortment and increase the operative mills installed at the "Zapozhstal" Metallurgical Plant to production capacity; 2) to reduce the freighting and hauling distances of rolled sections; 3) to increase the productivity of section-bending mills as a result of the proper redistribution of the assortment of bent sections according to mill types; 4) to orient the consumers with respect to available assortment (nomenclature) and bent-section production schedules; 5) to assign prime consumers to specific manufacturing and supplying plants; and 6) to reduce considerably the schedules for the attainment of planned production capacity by the mills. The basic methodological factors and causes underlying the determination of the mill specialization proposals are listed and analyzed in the article. Some tabular information is presented. The authors note, in conclusion, that the total assortment (nomenclature) of shapes and sections produced in the USSR on section-bending equipment, including mills installed at machine-building plants, will number over 5,100 section-sizes, thus indicating the need for further efforts in the unification and standardization of sectional steel production. Orig. art. has: 5 tables and 2 formulas.

Card 3/4

59258-65

ACCESSION NR: AT5014706

ASSOCIATION: none

SUBMITTED: 28Nov64

ENCL: 00

SUB CODE: NM, IE

NO REF SOV: 000

OTHER: 000

llc
ll
Card

L 13066-66 EWI(m)/ENP(w)/EWA(d)/I/ENP(t)/ENP(z)/ENP(b) IJP(c) JD/HW

ACC NR: AF5028573

SOURCE CODE: UR/0148/65/040/011/0039/0043

AUTHOR: Krichavets, M. I.; Donets, I. C.; Royak, D. B.; Fovolotskiy, D. Ye. 64

ORG: Chelyabinsk Polytechnic Institute (Chelyabinskiy politekhnicheskii institut) B

TITLE: Effect of the slag regime of melting on the plasticity of Ni-Cr-base alloys 27 27

SOURCE: IVUZ. Chernaya metallurgiya, no. 11, 1965, 39-43

TOPIC TAGS: slag, nickel base alloy, chromium base alloy, plasticity, alumina, calcium

ABSTRACT: The principal parameter investigated was the Al_2O_3/CaO ratio of the slag, since this technological factor largely determines the conditions of the reduction of Ca which, according to V. M. Pridantsev (Vliyaniye primesey i redkozemel'nykh elementov na svoystva splavov. Metallurgizdat, 1962), adversely affects the plasticity of Ni-Cr-base heat resistant alloys. As the Al_2O_3/CaO ratio increases, the Ca content of the melt decreases. This was verified by carrying out a large series of experimental remeltings in an electric arc furnace. The plasticity of the metal was determined visually (by forging samples to a 20 mm square with bending through 180°) and by determining the Ca content and the impact strength of specimens at high temperatures. Basic and alumina slags were used in the melting. During melting under basic slags, a slag mixture of lime and feldspar was added in the course of the melting process. 6

Card 1/2

UDC: 669.15-194:669.24'26.046.5

L 13066-66

ACC NR: AP5028573

After complete melting of the burden, slagging was carried out. During melting under alumina slags, technical alumina was added in the course of melting; no slagging was performed. In all other respects the melting operations were conventional. It was found that the use of alumina slag with a high Al_2O_3/CaO ratio assures a high plasticity of metal. Use of limy slag (low Al_2O_3/CaO ratio) markedly increases the Ca content of the metal so that plasticity is lost at forging temperatures. This was verified by tests of the impact strength of the metal of the experimental melts. In the specimens with a low Ca content the maxima of impact strength are observed at temperatures of 1000-1100°C. By contrast, for specimens from melts in which limy slag was employed, where the Ca content was high, the maximum impact strength is observed at 850-900°C and is only about half as low as for the specimens melted under alumina slag. An Al_2O_3/CaO ratio of 0.55-0.57 is the limit of plasticity under the conditions of these investigations. Essentially then the degree of reduction of Ca from the slag during melting increases with increasing proportion of the Al used as the reducing agent. Orig. art. has: 2 figures.

SUB CODE: 11, 13/ SUBM DATE: 24Aug64/ ORIG REF: 005/ OTH REF: 000

Card

2/2 HW

L 35031-65 EWP(m)/EWP(b)/EWP(t) JD

18c
8/0286/65/000/005/0034/0034 35
34

ACCESSION NR: AP5008155

AUTHOR: Paton, B. Ya.; Dudko, D. A.; Medovar, B. I.; Latash, Yu. V.; Maksimovich, B. I.; Shevchenko, A. I.; Stupak, L. M.; Goncharenko, V. P.; Grigor'yev, L. P.; Fetukhov, G. K.; Chudin, N. I.; Lubenets, I. A.; Yartsay, M. A.; Keys, N. V.; Tulin, N. A.; Kapel'nitskiy, V. G.; Privalov, E. T.; Pis'mennov, V. S.; Kholodov, Yu. A.; Bystrov, B. H.; Bastrakov, M. F.; Donets, I. D.; Silayev, A. Ya.

TITLE: Method of electroslag casting of ingots. Class 18, No. 168743

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 5, 1965, 34

TOPIC TAGS: ingot casting, ingot electroslag casting, electroslag melting, steel melting, alloy melting, metal melting

ABSTRACT: This Author Certificate introduces a method of electroslag casting of ingots in an open or protective atmosphere or in vacuum, in which slag is first melted in a mold with a nonconsumable or consumable electrode arc or plasma jet. To improve the metal quality and the ingot surface and to raise the yield, the molten metal or, if needed, the slag is poured into the mold through a hollow consumable or nonconsumable electrode (see Fig. 1 of the Enclosure). Orig. art. has: 1 figure. [ND]

Card 1/3

L 35031-65

ACCESSION NR: AP5008155

ASSOCIATION: Chelyabinskiy metallurgicheskiy zavod (Chelyabinsk Metallurgical Plant)

SUBMITTED: 06Feb63

ENCL: 01

SUB CODE: MM, IE

NO REF SOV: 000

OTHER: 000

ATD PRESS: 3215

Card 2/3

L 4157-65 EPA(s)-2/EWT(m)/EWP(w)/EPF(c)/EPF(n)-2/EWA(d)/EPR/T/EWP(t)/

FR-4 F6-4/Pt-2/Pu-4 IJP : MCA

DESIGN NR AP5001723

S/0130/641000 12 0001 0023

AUTHOR Shelgayev, Yu. N.; Donets, I. D., Tulin, N. A.

TITLE: Protection of metal with argon during bottom pouring

SOURCE: Metallurg, no. 12, 1964, 21-23

TOPIC TAGS: equipment design, metal casting, argon, bottom pouring/
13Kh12NVMFA steel

ABSTRACT: Equipment was designed for protecting metals with argon during bottom pouring (Fig. 1). The apparatus consists of two threaded cylinders - stationary cylinder 6 and the movable cylinder 5 equipped with an asbestos filled closing device 3. The threads are protected from liquid metal and slag by ring 7, ceramic pushing 2 and asbestos packing 4. Prior to pouring the apparatus is mounted (with the movable cylinder in the lower position) onto a prepared trumpet and connected through pipes 10 and a flexible hose to the argon supply line. The ladle with a special flange 1 is mounted on the apparatus and locked by turning

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L 41557.65

ACCESSION NR: AP5001723

2

handle 9. Air is forced out of the trumpet and the mold, the stopper is opened and the steel poured into unlubricated molds under argon pressure (0.5-0.7 m³/T at a casting rate of 2.2 T/min.) Examination of 13Kh12NVMFA steel thus poured showed that the macrostructural defects were essentially eliminated, essentially detectable defects were reduced, and the steel had increased ductility. Less nonmetallic inclusions and improved ingot surface. Figures 3 figures and 1 table.

ASSOCIATION: Chelyabinskiy metallurgicheskiy zavod (Chelyabinsk Metallurgical Works)

SUBMITTED: 00

ENCL: 01

SUB CODE: MM

NR REF SOV: 000

OTHER: 000

Card 2/3

KRICHEVETS, M.I.; DONETS, I.D.; ROYAK, D.B.; FOVOLOTSKIY, D.M.

Effect of slag conditions in smelting on the plasticity of
nickel-chromium base alloys. Izv. vys. ucheb. zav.; Chern.
met. 8 no.11:39-43 '65. (MIRA 18411)

L. Chelyabinskiy politekhnicheskiy institut.

DONETS, K. G.; CHERNIKIN, V. I.

Automatic evacuation of viscous oils and petroleum products from pipelines. Transp i khran nefi no. 11:3-6 '63. (MIRA 17:5)

1. L'vovskiy politekhnicheskoy institut i Moskovskiy ordena Trudovogo Krasnogo Znameni institut neftekhimicheskoy i gazovoy promyshlennosti imeni akademika I. M. Gubkina.

DCNETS, K.G.: CHECHEN, V.I.

Development of steam hollows in consecutive pumping. Transp.
i khran. nefti i nefteprod. no.5:3-9 '64. (NIRA 17:8)

L. L'vovskiy politekhnicheskiy institut i Moskviy ordena
Trudovogo Krasnogo Znameni institut neftekhimicheskoy i gazovoy
promyshlennosti im. akademika Gubkina.

DONETS, K.G.; CHERNIKIN, V.I.

Flow discontinuity in the consecutive pumping of various petroleums
or petroleum products along one pipeline. Neft. khoz. 42 no. 5:
60-65 My '64. (MIRA 17:5)

DONETS, K.G.; CHERNIKIN, V.I.

Disruptions in liquefied gas flow in pipelines. Gaz. prom. 10
no.6:41-44 '65. (MIRA 18:6)

DONETS, Lyvimiia, betonshchitsa stroitel'stva

Everything is in the power of our young people. Stroitel' no.4:16b
Ap '61. (MIRA 14:5)

1. Zhdanovskiy metallurgicheskii zavod.
(Zhdanov--Construction industry)

DOHETS, M.I.

New blocking and interlocking system. Avtom., telem. i sviaz'
4 no. 12:27-28 D '60. (MIRA 14:1)

1. Starshiy inzhener posta marshrutno-releynoy tsentralizatsii
stantsii Leningrad-Passazhirskiy-Moskovskiy Oktyabr'skoy dorogi.
(Railroads--Signaling--Block system)
(Railroads--Signaling--Interlocking systems)

SHCHERBINA, Aleksey Konstantinovich, prof., doktor veterin.nauk;
MEL'NIKOV, G.B., prof., doktor biolog.nauk, red.; ~~DOETS,~~
~~N.Ka., red.~~; ZHELIKHOVSKIY, V.I., red.; KVITKA, S.P.,
tekh.n.red.

[Diseases of fishes and their control] Bolesni ryb i mery
bor'by s nimi. Kiev, Izd-vo Ukr.Akad.sel'khoz.nauk, 1960.
333 p. (MIRA 14:1)
(Fishes--Diseases and pests)

KEYS, N.V., inzh.; KOMISSAROV, A.I., inzh.; MYSINA, G.Ye., inzh.; DONETS, R.N.,
inzh.

Studying the hardenability of bearing steel produced by the Chelyabinsk
Metallurgical Plant, Stal' 23 no.4:360-362 Ap '63. (MIRA 16:4)

1. Chelyabinskiy metallurgicheskiy zavod.
(Bearing metals—Hardening)

BOYARCHUK, I., nauchnyy sotrudnik; DONETS, S. [Donets', S.] , nauchnyy sotrudnik;
LUK'YANCHUK, A. nauchnyy sotrudnik

Adjustable plow system for making furrows on hillsides. Mekh. sil'.
hosp. 13 no.8:10-11 Ag '62. (MIRA 15:7)

1. Ukrainskiy nauchno-issledovatel'skiy institut mekhanizatsii i
elektrifikatsii sel'skogo khozyaystva.
(Plows) (Soil conservation)

DONETS, S. (Rostov-na-Donu); KUZ'MIN, A. (Irkutsk); MEDVEDEV, N. (Saratov);
LICHKOV, G. (Arkhangel'sk); TSYPIN, Ye. (Sverdlovsk); GITCHENKO, I.
(Sochi); GRUZINTSEVA, A. (Novosibirsk); ALIMOV, R. (Alma-Ata);
GOLOBORODOV, M. (Syktyvkar)

Outposts of air transportation. Grazhd.av. 20 noi 4:22-24 Ap
'63. (MIRA 16:5)

(Aeronautics, Commercial)

LUK'YANCHUK, A.A., inzh.; DONETS, S.M., inzh.

FN-15 rotary spreader of organic fertilizers. Mashinostroenie
no.1379-81 Ja-F '63. (MIRA 16:7)

(Fertilizer spreaders)

KOROLENKO, K.M., kand. tekhn. nauk; DONETS, S.M., kand. tekhn. nauk

Antierosion tilling on slopes. Mashinostroyeniye no.1 97-98

Ju-F '65.

(MIRA 18:4)

DONETS, V.I.

Using natural gas to dry foundry molds. Gaz. prom. 8 no.9:19-21
8 '63. (MIRA 17:8)

DONETS, V.I.; POKHLEVICH, A.N.

Unit for drying wire coils. Gaz. prom. & no.4:25-27 '63.

(:IRA 17:10)

DONETS, V.I.

New method of drying coils of wire. Metallurg 8 no.10:32
0 '63. (MIRA 16:12)

1. Zavod "Serp i molot."

DONETS, V.I.

Using natural gas in large caustic soda solution furnace baths.
Metallurg 9 no.11:29 N '64. (MIRA 18:2)

1. Zavod "Serp i molot".

DONETS, Vasilii Prokof'yevich; METT, G.Ya., spets. red.; PETRUSHEV,
I.M., red.; GERASIMOVA, Ye.S., tekhn. red.

[Planning, accounting for, and analyzing the operations of
shops in machinery plants] Planirovanie, uchet i analiz ra-
boty tsekhov na mashinostroitel'nykh zavodakh. Moskva,
Ekonomizdat, 1963. 119 p. (MIRA 16:6)
(Machinery industry--Management)

BERDYANSKIY, M.G.; BRODSKIY, I.I.; DONETS, V.V.; VEYEVNIK, V.F.

Mechanism for introducing dry lubrication into the pipe shell
before entering the rolling mill. Metallurg 10 no.6:28-30
Je '65. (MIRA 18:6)

DOHETS, V. I.

Processing tails and small pieces of beets by pressing. Sakh.prom.
30 no.11:45-46 N '56. (MLRA 10:2)

1. Oktyabr'skiy sakharnyy zavod.
(Sugar industry)

DONETS, V. Ya.

Development of the sugar industry of Moldavia. Sakh. prom. 35
no. 1:6-8 Ja '61. (MIRA 14:1)

1. Sovet narodnogo khozyaystva Moldavskoy SSR.
(Moldavia--Sugar industry)

DONETS, V. Ya.

Sugar factories of Moldavia during the current season. Sakh.
prom. 35[i.e. 36] no.2:10-13 F '62. (MIRA 15:4)

1. Sovet narodnogo khozyaystva Moldavskoy SSR.
(Moldavia--Sugar industry)

DONETS, V.Ya.

Specific labor expenditure in the sugar factories of Moldavia.
Sakh. prom. 37 no.5:8-9 My '63. (MIRA 16:6)

1. Sovet narodnogo khozaystva Moldavskoy SSR.
(Moldavia—Sugar industry—Labor productivity)

24.6520, 24.6600, 24.6500,
16.8100, 16.8300, 24.6720

76968
SOV/56-37-6-8/55

AUTHORS: Perelygin, V. P., Donets, E. D., and Flerov, G. N.

TITLE: Experiments in the Production of a New Fermium Isotope

PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki, 1959,
Vol 37, Nr 6, pp 1558-1563 (USSR)

ABSTRACT: An investigation was made of the α -active products interaction between accelerated oxygen O^{16} ions and uranium U^{238} nuclei. The energy of accelerated oxygen ions was 84 - 98 mev, and the beam was monochromatic. The U^{238} targets were prepared by sublimation under vacuum and by precipitation with tetraethyleneglycol on an Ni holder. Targets had a thickness from $200 \mu g/cm^2$ to $800 \mu g/cm^2$ U^{238} atoms. The registration of α -decay was carried out by means of a fast and highly sensitive method, which was originally developed by G. N. Flerov, S. M. Polikanov, A. S. Karamyan, A. S. Pasyuk, D. M. Parfanovich, N. I. Tarantin, V. A. Karanaukhov,

Card 1/3

Experiments in the Production of a New
Fermium Isotope

76968
SOV/56-37-6-8/55

V. A. Druin, V. V. Volkov, A. M. Semchinova, Yu. Ts. Oganessian, V. I. Khalizev, and G. I. Khlebnikov (cf. Doklady Akad. nauk SSSR, 120, 73, 1958). The measurements gave some proof of the existence of a new fermium isotope Fm^{249} which possesses a half-life of about 150 sec and an α -particle energy of (7.9 ± 0.3) mev. The procedure for the identification of transuranium isotopes was based on the registration in photographic emulsions of their successive α -decays. V. V. Volkov, D. M. Parfanovich, S. M. Polikanov, A. M. Semchinova, and N. I. Tarantin participated in the discussion of the work. Three excitation curves are presented for reactions involving the emission of four and five neutrons. The paper contained 15 references, 4 Soviet, 1 Canadian, 1 U.K., 9 U.S. The 5 most recent U.S. references are: A. M. Friedman, J. E. Gindler, R. F. Barnes, R. Sjoblom, P. R. Fields. Phys. Rev., 102, 585, 1956; S. Amiel, A. Chetani-Strode, G. R. Choppin, A. Ghiorso, B. G. Harvey, L. M. Holm, S. G. Thompson, Phys. Rev., 106, 553, 1957; R. A. Glass, S. G. Thompson, . . .

Card 2/3

Experiments in the Production of a New
Fermium Isotope

76968
SOV/56-37-6-8/55

G. T. Seaborg. J. Inorg. Nucl. Chem., 1, 3, 1955;
A. Ghlorso, Proc. Conf. on React. Betw. Complex Nucl,
Gatlinburg, Tennessee, 1958; T. D. Jackson. Can. J.
Phys. 34, 767, 1956.

SUBMITTED: July 4, 1959

Card 3/3

DONETS, Ye.D.; KARNAUKHOV, V.A.; KUMPF, G.; GVOZDEV, B.A.; CHUBURKOV,
Yu.T.; SARANTSEVA, V.R., tekhn. red.

[Study of the nuclear reaction $\text{Th}_{90}^{232}(\text{Ne}_{10}^{22}, 4n)\text{Fm}_{100}^{250}$] Izucheniye

iadernoi reaktsii $\text{Th}_{90}^{232}(\text{Ne}_{10}^{22}, 4n)\text{Fm}_{100}^{250}$. Dubna, Ob"edinenyyi

in-t iadernykh issl., 1962. 10 p.
(Nuclear reactions)

(MIRA 15:4)

39661
S/056/62/043/001/003/056
B181/B102

24,6600

AUTHORS: Donets, Ye. D., Karnaukhov, V. A., Kumpf, G., Gvozdev, B. A.,
Chuburkov, Yu. T.

TITLE: The nuclear reaction ${}_{90}\text{Th}^{232}({}_{10}\text{Ne}^{22}, 4n){}_{100}\text{Fm}^{250}$

PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 43,
no. 1(7), 1962, 11 - 15

TEXT: Measurements were made of the dependence of the
 ${}_{90}\text{Th}^{232}({}_{10}\text{Ne}^{22}, 4n){}_{100}\text{Fm}^{250}$ reaction cross section on the energy of the
bombarding ions. The ions were extracted from the 300 cm cyclotron of
the OIYaI. A thorium foil, 2 - 2.6 mg/cm² thick, served as a target and
a 3 μ thick silver foil chemically prepared with tencotrifluoro acetone,
was used to collect the recoil nuclei. Fermium (yield 50 %) was separated
from the organic phase by anodic precipitation. Fm^{250} was identified
from its 7.43 Mev α-emission. The 7.65 Mev line of Po^{214} was found to
interfere. The reaction cross section has its maximum of $\sim 2.5 \cdot 10^{-31}$ cm²
Card 1/2

The nuclear reaction ...

S/056/62/043/001/003/056
B181/B102

at an ion energy of 107 Mev, and has a half-width of about 11 Mev. The cross section of the reaction ${}_{92}\text{U}^{238}({}_8\text{O}^{16}, 4n){}_{100}\text{Fm}^{250}$, which was investigated earlier (T. Sikkeland, S. G. Thompson, A. Ghiorso, Phys. Rev., 112, 543, 1958; V. P. Pereygin, Ye. D. Donets, G. N. Flerov, ZhETF, 37, 1558, 1959), reached a maximum of 10^{-30} cm², that of the reaction ${}_{94}\text{Pu}^{241}({}_6\text{C}^{13}, 4n){}_{100}\text{Fm}^{250}$ one of $6 \cdot 10^{-30}$ cm². The experiments showed that the maximum cross section decreases much faster with increasing mass of the bombarding particles than is predicted by the theory. This is explained as follows: Either the nucleus is deformed in a collision so that the Coulomb barrier increases, or the system of the two nuclei is excited to perform vibrations so that the probability of fission prior to emission of the first neutron increases. There are 3 figures and 1 table.

ASSOCIATION: Ob"yedinennyy institut yadernykh issledovaniy (Joint Institute of Nuclear Research)

SUBMITTED: January 24, 1962
Card 2/2

S/089/63/014/001/002/013
B102/B106

AUTHORS: Flerov, G. N., Донца, Ye. D., Druin, V. A.

TITLE: Spontaneous fission and synthesis of far transuranium elements

PERIODICAL: Atomnaya energiya, v. 14, no. 1, 1963, 18-26

TEXT: Beginning from the first experiment on the spontaneous fission of U^{238} carried out at the Leningradskiy fiziko-tehnicheskiy institut AN SSSR (Leningrad Physicotechnical Institute AS USSR) in the laboratory of Professor I. V. Kurchatov in cooperation with K. A. Petrzhak and G. N. Flerov, a review is given of the most important results of the fundamental investigations in the field of spontaneous fission and synthesis of transuranic elements. The known regularities of the spontaneous fission made apparent from the $T_{sf}(Z^2/A)$ and $T_{sf}(N)$ diagrams are discussed in detail. The name of I. V. Kurchatov also is intimately associated with the synthesis of transuranic elements. Not only the first reactor but also the first ion cyclotron and the great heavy-ion

Card 1/2

Spontaneous fission and synthesis ...

S/089/63/014/001/002/013
B102/B186

accelerator in Dubna were built as his suggestion and under his direction. The synthesis of transuranium elements by the bombardment of uranium with multiply charged ions is considered in full detail and the most important methods and results are discussed. The nucleon evaporation resulting from the use of fission products as the bombarding particles is also discussed. The future researches will be devoted, among other questions, to a study of the transuranium isomers, the relationship between the spontaneous fission probability and the nuclear energy levels, and the spontaneous fission of the transfermium isotopes. There are 5 figures.

SUBMITTED: August 30, 1962

Card 2/2

L 17598-63 EWT(l)/EWP(q)/EWT(m)/BDS/ S/056/63/044/003/003/053
 ES(w)-2 AFFTC/ASD/IJP(G)/SSD Fab-4 JD

AUTHOR: Kumpf, G. and Donets, Ye. D.

TITLE: Some transfer reactions occurring during irradiation of thorium
 by Ne²² ions ¹⁹ ²⁷ 65

PERIODICAL: Zhurnal eksperimental'noy i tekhnicheskoy fiziki, v. 44, no. 3,
 1963, 798-803

TEXT: The recent papers by I. Brandshtet, M. Krzhivanek, Ya. Maly, and Su
 Su Hung-Kuei (Ref. 4: Preprint OIYaI, R-978, Dubna, 1962) and G. N. Flerov,
 V. V. Volkov, L. Pomorskiy, Ya. Tys (Ref. 5: ZhETF, 41, 1365, 1961) dealing with
 transfer reactions of several nucleons during heavy-ion reactions were followed by
 attempts at theoretical explanations using the tunnel-effect, shrapnel-effect, the
 model of "skidding collisions", etc.. The authors wanted to test these various
 theories by investigating in detail the transfer of larger numbers (5 to 8) of
 nucleons during heavy ion interactions in a Th²³² target bombarded by Ne²² ions.
 They registered α -active products identified as Th²²⁷, Ac²²⁶, Ac²²⁵, and Ac²²⁴
 and obtained their production cross sections as functions of the incident particle

Card 1/4

L 17598-63

8/056/63/044/003/003/053

0

Some transfer reactions...

energy which increase smoothly from $\sim 10^{-30} \text{cm}^2$ near the Coulomb barrier to $\sim 10^{-27} \text{cm}^2$ at 154 Mev. The angular distribution of resulting nuclei is shown on Fig. 5. The fact that the maxima of the angular distribution are to the right of the Rutherford angle testifies that the particles are moving basically along Coulomb orbits which are perturbed little by the nuclear interaction, and the reaction must occur on the nuclear surface. At the same time, the shift of the maxima of particular isotopes indicates the existence of some nuclear interaction which increases with the number of transferred nucleons. The discovered relationships cannot be explained by the existing models for the mechanism of transfer reactions. There are 5 figures and 1 table.

Card 2/4

ACCESSION NR: AP4020324

8/0089/64/016/003/0195/0207

AUTHOR: Donets, Ya. D.; Shchegolev, V. A.; Yermakov, V. A.

TITLE: Synthesis of the isotope of element 102 with mass number 256

SOURCE: Atomnaya energiya, v. 16, no. 3, 1964, 195-207

TOPIC TAGS: element 102, mass number 256, nuclear reaction, transuranium element, decay period, energy dependence, U sup 238

ABSTRACT: In the nuclear reaction $U^{238} (Ne^{22}, 4n)102^{256}$ (a-active isotope of element 102 with mass number 256) is synthesized. The registration and identification of the isotope is made according to the daughter isotope Fm^{252} . The measured half-life period of 102^{256} is about 8 sec. The energy dependence of the cross section for the formation of isotope 102^{256} in the reaction $U^{238} + Ne^{22}$ is studied. Its maximum is in the area of 112 Mev. The cross section at the maximum reaches about $4.5 \times 10^{-32} \text{ cm}^2$. The work was carried out in an internal beam of the trimeter cyclotron of the nuclear reaction laboratory of the Joint Institute for Nuclear Research. "In conclusion, we are deeply grateful to

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ACCESSION NR: AP4020324

G. N. Flerov with whose guidance and warm participation this work was accomplished. We also thank the subdivision leaders Yu. Ts. Oganessian, A. N. Filipson and A. S. Pasyuk for providing so many intensive beams of accelerated neon ions for our experiments." Orig.art. has: 13 figures.

ASSOCIATION: None

SUBMITTED: 18Nov63

DATE ACQ: 31Mar64

ENCL: 00

SUB CODE: NS, PH

NO REF SOV: 012

OTHER: 008

Card 2/2

L 11310-65 EWT(m)/EWA(h)

ACCESSION NO: AP4036536

S/0089/64/016/005/0459/0459

AUTHOR: Dorset, Ye. P.

TITLE: Session of the Department of Nuclear Physics, AN SSSR

SOURCE: Atomaya energiya, v. 16, no. 5, 1964, 459

TOPIC TAGS: nuclear fission, symmetric fission, asymmetric fission, proton radioactive decay, gamma ray fission, collective nuclear model, nuclear reaction theory

ABSTRACT: A session of the Otdeleniye yadernoy fiziki AN SSSR (Department of Nuclear Physics, AN SSSR), dedicated to problems of low and medium energies, took place in Leningrad in December 1963. Academician V. I. Veksler opened the session and expressed the intention of making the sessions a regular feature of the Department. Corresponding Member I. M. Frank presided. Seven papers were presented. Corresponding Member G.M. Florov's report, "Mechanism and Products of Nuclear Reactions with Multiply-Charged Ions," was based on the work in the Laboratoriya yadernykh reaktsiy OIYaI (Laboratory for Nuclear Reactions,

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ACCESSION NR: AP4036536

8

(U) with the large, heavy ion accelerator. Y.A. Izrael's group has investigated the proton decay of radioactive nuclei, and the spontaneous fission of nuclei with anomalously short life from the isomeric state. A. E. Konar's report "Nuclear Fission," was based on the experimental material of the Leningrad physicists on symmetric and asymmetric fission by fast and slow neutrons and by gamma rays. Papers were also presented by I. Kh. Leiber, O. I. Sukhsayev, and S. T. Balyayev and I. S. Shapiro.

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: NP

NO REF NOV: 000

OTHER: 000

Card 2/2

FLEROV, G.N.; DRUIN, V.A., kand. fiz.-mat. nauk; COANESYAN, Yu.Ts., kand. fiz.-mat. nauk; POLIKANOV, S.M., kand. fiz.-mat. nauk; DONETS, Ya.D., nauchn. sotr.; ZVARA, Ivo, nauchn. sotr.; CHERNOV, A.G.; FAYNEOYN, I.B., red.

[Prospects for the synthesis of transuranium elements. Ninth discussion. Participants in the discussion: Flerov, G.N. and others] Perspektivy sinteza transuranovykh elementov. V besede uchastvuiut: G.N.Flerov i dr. Moskva, Znanie, 1965. 39 p. (Novoe v zhizni, nauke, tekhnike. IX Seria: Fizika, matematika, astronomia, no.10)
(MIRA 18:5)

5075-66
ACC NR: AP5022625

UR/0089/65/019/002/0109/0113
539.183.2

AUTHOR: Donets, Ye. D.; Shchegolev, V. A.; Yermakov, V. A.

38
27
B

TITLE: Synthesis of the isotope of mass 256 of the 103-rd element (Lawrencium)

SOURCE: Atomnaya energiya, v. 13, no. 2, 1965, 109-113

TOPIC TAGS: lawrencium, transuranium elements

ABSTRACT: After a brief review of the discovery, in 1961, of lawrencium of an isotope mass 257, the authors present the results of their own identification of a new isotope of mass 256 of the same element. The experiments were conducted at the Joint Institute for Nuclear Research, in Dubna, by using the interior beam of multiply charged ions of the 3-meter cyclotron. The new isotope was synthesized from the nuclear reaction of $^{242}\text{Am}(O^{10}, 5n)$ $^{103}\text{Lw}^{256}$. The isotope was identified by the $^{100}\text{Fm}^{253}$ isotope. This end product was obtained as a result of a $^{101}\text{Mv}^{252}$ electron capture and a $^{103}\text{Lw}^{256}$ alpha decay. The new 256-isotope was identified by the same method which had been used by the authors for the identification of the isotope 256 of the 102-nd element (Atomnaya Energiya, 16, 195 (1964)). The arrangement used for the synthesis of $^{103}\text{Lw}^{256}$ and the build-up of $^{100}\text{Fm}^{253}$ is schematically illustrated in the

ACC NR: AP5022625

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article. Spectrometers having a resolution of about 60 kev and a very low background were used. The experiments involved bombarding (8 to 12 hours) a ^{243}Am target with accelerated ^{16}O ions. The alpha-spectrum of accumulated fission-products is graphically presented. The half-life of alpha activity at $E=7.04$ Mev was about 25 hours. It was experimentally shown that the 6×10^{-32} sq cm cross-section needed for the formation of Lw-256 isotope was attained at the energy level of 96 Mev. The experiments measuring the half-life of the 256-isotope are described. The half-life time was close to 45 sec. In conclusion, the radioactive properties of this new isotope were summarized and the character of the cross-section of the reaction $^{243}\text{Am}(^{16}\text{O}^{16}, 5n)_{fission}^{256}\text{Lw}$ was evaluated. The authors wish to acknowledge with gratitude the assistance given to them by G. N. Flerov (general consultation), A. N. Filipsov (cyclotron operation), L. Kumpf and A. M. Sukhov (electron equipment), A. G. Pil'kov (mechanical arrangements), E. Z. Ryndina and V. F. Kushniruk (semiconductor detectors), V. I. Kuznetsov, A. G. Kozlov and A. P. Smirnov-Averin (general assistance). The last two persons belonged to

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I 5078-66

ACC NR: AP5022625

the staff of the Institute of physics and power of the State committee
for utilization of atomic energy. Orig. art. has: 2 diagrams and
4 graphs.

ASSOCIATION: none

SUBMITTED: 20Apr65

ENCL: 00

SUB CODE: NP

NO REF SOV: 003

OTHER: 001

Card 3/3 *ML*

DONETS, Ye.D.; SHCHEGOLEV, V.A.; YERMAKOV, V.A.

Synthesis of the 103d element (lawrencium) with mass number
256. Atom. energ. 19 no.2:109-113 Ag '65. (MIRA 18:9)

SHIROKOV, V.I., red.; VIL'CHINSKAYA, L.P., red.; NOVIKOVA, A.M., red.;
KUPTYREVA, Z.I., red.; DONETS, Ye.P., red.; KASTRYKINA, M.A.,
red.; DOLMATOVA, A.S., red.; BENEVOLENSKIY, I.I., red.;
BOL'SHAKOVA, N.L., red.; BELYAKOV, P.V., red.; BADINA, L.S.,
tekhn. red.

[The economy of Ivanovo Province; statistical abstract] Narod-
noe khoziaistvo Ivanovskoi oblasti; statisticheskiy sbornik.
Ivanovo, Gosstatizdat, 1962. 227 p. (MIRA 16:6)

1. Ivanovo (Province) Statisticheskoye upravleniye. 2. Na-
chal'nik Statisticheskogo upravleniya Ivanovskoy oblasti (for
Belyakov). 4. Statisticheskoye upravleniye Ivanovskoy oblasti
(for all except Badina).

(Ivanovo Province--Statistics)

DONETS, Yu.I.

Case of botulism caused by the type E pathogen. Zhur. mikrobiol. epid.
i immn. 32 no.7:137-139 Je '61. (MIRA 15:5)

1. Iz Odesskogo meditsinskogo instituta imeni Pirogova.
(BOTULISM)

MINERVIN, S.M.; DONETS, Yu.I.

Effect of proteinases of animal and bacterial origin on some
properties of Clostridium perfringens toxin, Zhur. mikrobiol.,
epid. i immun. 41 no.4:111-115 Ap '64. (MIRA 18:4)

1. Odesskiy meditsinskiy institut imeni Pirogova.

DONETS, Yu.L., inzh.

Work organization in electrification of the railroads of Siberia
Transp. stroi. 12 no.3:7-9 Mr '62. (MIRA 16:11)

DONETS, Yu.I.; DUMKINA, N.I.

Simultaneous action of *Cl. perfringens* hemotoxin and *B. proteus* centrifugate in the presence of a specific antigangrene serum. Zhur. mikrobiol., epid. i imm. 33 no.2:84-87 F '62.
(MIRA 15:3)

1. Iz Odesskogo meditsinskogo instituta imeni N.I. Pirogova.
(SERUM) (GAS GANGRENE)
(CLOSTRIDIUM PERFRINGENS) (PROTEUS)

DONETS, Yu.I.

Observations on the joint action of perfringens toxin and Proteus
culture centrifugate in animal experiments. Zhur.mikrobiol., epid.
i immun. 33 no.3:108-112 Mr '62. (MIRA 15:2)

1. Iz Odesskogo meditsinskogo instituta imeni N.I.Pirogova.
(CLOSTRIDIUM PERFRINGENS) (PROTEUS)
(TOXINS AND ANTITOXINS)

POPEL, Yu. I., Cand Med Sci -- (diss) "Study of the mechanisms
of pathogenetic action of the toxin of botulinus" Odessa, 1958,
12 pp (Odessa State Med Inst im N.I. Pirogov) 200 copies
(KL, 27-58, 116)

- 198 -

DONETS, Yu.I.

Study of the infectious properties of pathogens of botulism type C.
Zhur. mikrobiol. epid. i immun. 32 no.6:104-110 Je '61. (MIRA 15:5)

1. Iz Odesskogo meditsinskogo instituta imeni Pirogova.
(CLOSTRIDIUM BOTULINUM)

GRITSSENKO, M.M., inzh.; DONNITS, Yu.L., inzh.

Constructing bridge supports under winter conditions. Transp.
stroi. 10 no.3:29-31 Mr '60. (MIRA 13:6)
(Bridges--Foundations and piers)

DOMETS, Yu.L., inzh.

Erecting poles with rigid cross bars in the electrification of the
Krasnoyarsk Railroad Line. Transp. stroi. 11 no.2:15-16 P '61.

(MIRA 14:2)

(Railroads--Electrification)

(Electric lines--Poles)

KOVAL', V.P.; DONETS', Z.S.; KOMAROVA, T.I.; PRONINA, Z.V.

Parasites of fishes of the middle course of the Dnieper River
near the city of Kanov. Visnyk Kyiv.un. no.3; Ser.biol.
no.1:133-142 '60. (MIRA 16:4)
(DNIEPER RIVER--PARASITES--FISHES)

GUTSEVICH, A.V.; DONETS, Z.S.; YEZHOVA, G.G.; POPOV, A.M.

Bloodsucking mosquitoes (Diptera, Culicidae) of Chernovtsy
~~Province~~ Ent. oboz. 41 no. 2: 355-358 '62. (MIRA 15:11)
(Bukovina--Mosquitoes)

DONETS, Z.S.; DASHKINA, N.G.; LOSKOT, V.M.; FRANTSEVICH, L.I.; TSARICHKOVA,
D.B.

Larval nutrition and some physiological indices of bloodsucking
mosquitoes. Med. paraz. i paraz. bol. 34 no. 5:518-521 S-0 '65
(MIRA 19:1)

1. Laboratoriya arakhmoentomologii Kiyevskogo universiteta. Sub-
mitted June 13, 1964.

DONETSKAYA, I.N.

Effect of electroosmotic filtration on gravity filtration. Gidr.
i mel. 13 no.5:46-50 My '61. (MIRA 14:5)

1. Yushnyy nauchno-issledovatel'skiy institut gidrotekhniki i
melioratsii.

(Electroosmosis)

(Soil percolation)

1762
/Protection of toilet soap against darkening. S. A. Moldavskaya, E. S. Dmitrieva, G. A. Boredina, and L. M. Donetskaya (Factory "Svoboda" Minsk). *Trudy Khim. Prom. 11*, No. 3, 22 (1967).

...and leaf-tails developed in spots during storage when contaminated with iron from the iron laundry machines. ... from 75% hydrogenated fat soap stock did not develop dark spots in storage. Spot development was not observed in 100% rods, and was enhanced in ...

GETMANSKIY, I.K., inzh.; PANCHENKO, A.P.; ZALIOPO, M.N., inzh.; DONETSKAYA,
L.M.

Liquid shampoo made from purified alkyl sulfates of secondary
synthetic alcohols. Masl.-zhir. prom. 27 no.9:17-18 S '61.
(MIRA 14:11)

1. Nauchno-issledovatel'skiy institut sinteticheskikh zhirozameniteley
i moyushchikh sredstv (for Getmanskiy, Panchenko). 2. Fabrika
"Svoboda" (for Zaliopu, Donetskaya).
(Shampoo)

VOZNESENSKAYA, G.A., kand.med.nauk; BOZIYAN, Kh.A., vrach (Stepanakert);
SILVYANOVA, V.A., kand.med.nauk; GHLIGOROVSKIY, I.M., prof.;
KUNDIYEV, Yu.I., kand.med.nauk (Kiyev); MARSHAK, M.S., prof.;
ZALIOPO, M.N.; DONETSKAYA, L.M.; ORGANOVA, M.G.

Health hints. Zdorov'ie 9 no.3:30-31 Mr '63.
(HYGIENE)

(MIRA 16:5)

NAUMOV, I.A.; DONETSKAYA, T.F.

Structural properties of wheat from eastern areas. *Izv. vys.*
ucheb. zav.; pishch. tekhn. no.3:3-8 '58. (MIRA 11:9)

1. Moskovskiy tekhnologicheskiy institut pishchevoy promyshlennosti,
Kafedra mukomol'no-krupyanogo proizvodstva.
(Wheat)

OSTROVSKIY, A.I., prof.; DONETSKAYA, T.F., nauchnyy sotrudnik; TUL'SKIY, M.S.,
kand.tekhn.nauk; FEDOROVA, G.S., starshiy nauchnyy sotrudnik

The most efficient way to use corn flour in bread making. Trudy
MIIPP no.19:15-21 '62. (MIRA 17:4)

~~DONETSKAYA~~ Ye. I. Cand Med Sci -- (diss) "Condition of the nervous system in cases of planocellular cancers of the lower lip." ~~Ma~~ Kuybyshev, 1957. 15 pp (Kuybyshev Med Inst), 200 copies (KL, 3-58, 99)

-48-

DONETSKAYA, Ye.I., assistant

Nerves in planocellular cancers of the lower lip. Trudy Kuib.med.
inst. 11:204-214 '60. (MIRA 15:8)

1. Iz kafedry patologicheskoy anatomii (zav. kafedroy prof. - N.I.
Shlyapnikov) Kuybyshevskogo meditsinskogo instituta.
(LIPS--CANCER)

LEYMAN, V.N., kand.med.nauk; DONETSKAYA, Ye.I., kand.med.nauk

Splenomegaly in brucellosis and its treatment. Vrach. delo no.2:
99-101 F '61. (MIRA 14:3)

1. Kafedra infektsionnykh bolezney (zav. - prof. V.P.Petrov) i kafedra
patologicheskoy anatomii (zav. - prof. N.F.Shlyapnikov) Kuybyshev-
skogo meditsinskogo instituta.
(SPLEEN--DISEASES) (BRUCELLOSIS)

USSR/Cultivated Plants - Grains.

ii-4

Abs Jour : Ref Zhur - Biol., No 9, 1958, 39237

Author : Donetskaya, Ye.I.

Inst : Zhitomir Agricultural Institute.

Title : Experimental Cultivation of Hybrid Corn Seeds in Zhitomir Oblast.

Orig Pub : Nauchn. tr. Zhitomirsk. s.-kh. in-ta, 1957, 4, 81-89.

Abstract : No abstract.

Card 1/1

DONETSKIY, A. G.

Donetskiy, A. G.

"Syndromes of reflex-repercussive origin in traumatic injuries of the peripheral nervous system (material on the symptomatology and clinical aspects of reflected symptoms in injuries of the peripheral nervous system in the late period). Odessa State Medical Institute named M. I. Pirogov. Odessa, 1956. (Dissertation for the Degree of Candidate in Medical Sciences).

Knizhnaya letopis'
No. 21, 1956. Moscow.

DONETSKIY, B.; IVOLGIN, I. (Kaliningrad)

"Kaliningrad is speaking!" Sov. profsoiuzy 19 no.7:19 Ap '63.
(MIRA 16:4)

1. Instruktor organizatsionnogo otdela Kaliningradskogo oblastnogo
soveta professional'nykh soyuzov (for Donetskiy). 2. Neshtatnyy
korrespondent zhurnala "Sovetskiye profsoyuzy" (for Ivolgin).
(Kaliningrad—Radio in education) (Trade unions)

EXCERPTA MEDICA Sec.9 Vol.11/10 Surgery Oct. 21

5087. (1096) DONETSKIY D.A. *Transfusional tonometry (graphy)
a new method of supervising blood pressure (Russian
text) VESTN. KHIR. (Mosk.) 1955, 75/3 (93-98) illus. 4

A new method and a new apparatus are suggested which allow the blood pressure to be measured and the transfusion of blood simultaneously by means of one and the same needle (cannula). The apparatus consists of 2 flasks for blood transfusions with a balloon and a monometer, of a drop counter, a measuring manometer with a pencil for recording fluctuation of the blood pressure on a kymograph and of a cannula which is inserted into the artery. The apparatus was tested in animal experiments. It is supposed to be of importance for a continuous, uninterrupted observation of the blood pressure accompanied by a simultaneous intra-arterial transfusion in the case of intracardiac operations.

Dikhno - Krasnoyarsk

DONETSKIY, D.A.

New method of circular vascular suturing; experimental and clinical research [with summary in English]. Ekspor.khir. 1 no.1:53-59
JR-F '56 (MIRA 11:10)

1. Iz Instituta khirurgii imeni A.V. Vishnevskogo AMN SSSR, (dir.-
chlen-korrespondent AMN SSSR prof. A.A. Vishnevskiy).
(BLOOD VESSELS, surg.
new circular suture, method (Rus))
(SUTURES,
new circular of blood vessels, method (Rus))

DONETSKIY, D. A., Cand Med Sci -- (diss) "Circular vascular suture using a special wheel." Moscow, 1957, 9 pp (Academy of Medical Sciences USSR), 200 copies (KL, 36-57, 107)

VISHNEVSKIY, A.A.; GALANKIN, N.E.; DONETSKIY, D.A.

Blalock's operation with the subclavian artery lengthened
by grafting. [with summary in English] Eksp. khir. 2 no.1:7-13
Ja-F '57. (MLRA 10:4)

1. Iz Instituta khirurgii imeni A.V. Vishnevskogo (dir.-chlen-
korrespondent AMN SSSR prof. A.A. Vishnevskiy) AMN SSSR.
(CARDIOVASCULAR DEFECTS, CONGENITAL, surg.

Blalock's technic of lengthening subclavian artery
with graft)(Rus)

DONETSKIY, D.A. (Moskva, 2-ya Lavrskiy per., d. 1/6, kv.5)

Storage and packing of blood vessels preserved by freeze drying
[with summary in English]. Vest.khir. 81 no.10:21-23 0 '58

(MIRA 11:11)

1. Iz 1-go khirurgicheskogo otdeleniya (zav. - prof. N.I. Krakovskiy)
Instituta khirurgii imeni A.V. Vishnevskogo (dir. - prof. A.A. Vishnev -
skiy) AMN SSSR.

(BLOOD VESSELS, transpl.

freeze-dried, storage in glass fused ampule containers
(Rus))

DONETSKIY, D.A. (Moskva, 2-y Lavrskiy per., d. 1/6, kv.5)

New instrument for dilation of the lumen of blood vessels.
Vest.khir. 81 no.11:120-122 N '58. (MIRA 12:3)

1. Iz Instituta khirurgii imeni A.V.Vishnevskogo (dir. - prof.
A.A.Vishnevskiy) ANM SSSR.
(SURGICAL INSTRUMENTS AND APPARATUS)

MAZAYEV, P.N.; VOROPAYEV, M.M.; DONETSKIY, D.A.; PYL'TSOV, I.M.

Application of a pneumatic syringe in aortography. Eksp.
khir. 4 no.2:42-47 Mr-Apr '59. (MIRA 12:5)

1. Iz Instituta khirurgii imeni A.V.Vishnevskogo (dir. -
deystvitel'nyy chlen AMN SSSR prof. A.A.Vishnevskiy) AMN
SSSR.

(ANGIOGRAPHY,
aortography, pneumatic syringe (Rus))
(SYRINGES,
pneumatic syringe for aortography (Rus))

VISHNEVSKIY, A.A., prof.; DONETSKIY, D.A., kand.med.nauk

New method of operation for trer-arterial anastomosis in patients
with congenital heart difects of the blue type. Khirurgiya 36
no.10:39-42 0 '60. (MIRA 13:11)

1. Iz Instituta khirurgii imeni A.V. Vishnevskogo (dir. - deyst-
vitel'nyy chlen AMN SSSR prof. A.A. Vishnevskiy) AMN SSSR.
(HEART--ABNORMITIES AND DEFORMITIES)

DARBINYAN, T.M.; MAYSIUK, A.P.; DONETSKIY, D.A.

Evaluation fo the vasular suture technic in the construction of
caval-pulmonary anastomosis. Vest.khir. 85 no.9:39-44 8 '60.
(MIRA 13:11)

1. Is Instituta khirurgii im. A.V. Vishnevskogo (dir. - prof.
A.A. Vishnevskiy) AMN SSSR.
(VENA CAVA—SURGERY) (PULMONARY ARTERY—SURGERY)

DONETSKIIY, D.A., kand.med.nauk

Suitability of preserved blood vessels stored in a vacuum.
Khirurgiya 37 no.5:113-115 My '61. (MIRA 14:5)

1. Iz Instituta khirurgii imeni A.V. Vishnevskogo (dir. - deyst-
vitel'nyy chlen AMN SSSR prof. A.A. Vishnevskiy) AMN SSSR.
(BLOOD VESSELS—TRANSPLANTATION)

DONETSKIY, D.A.

Blood vessel pincers. Grad.khir. no.3:101-102 '61. (MIRA 14:9)

1. Iz Instituta khimii imeni A.B. Vishnevskogo (dir. - deyst.
vital'nyy chlen AMN prof. A.A. Vishnevskiy) AMN SSSR
(FORCEPS)

VISHNEVSKIY, A.A.; GALANKIN, N.K.; DONETSKIY, D.A.

Results of palliative surgery in the treatment of the tetralogy of Fallot, atresia of the right venous orifice, and transposition of the blood vessels with decreased pulmonary blood flow. Vest. AMN SSSR 16 no.8:27-30 '61. (MIRA 14:12)

1. Institut khirurgii imeni Vishnevskogo AMN SSSR.
(HEART—ABNORMITIES AND DEFORMITIES)

DONETSKIY, D.A., kand.med.nauk

Measurement of the vascular lumen. Khirurgiia no.8:93-94 Ag
'61. (MIRA 15:5)

1. Iz Instituta khirurgii imeni A.V. Vishnevskogo (dir. - deystvitel'-
nyy chlen AMN SSSR prof. A.A. Vishnevskiy) AMN SSSR.
(BLOOD VESSELS)

VISHNEVSKIY, A.A., prof.; CALANKIN, N.K., doktor med. nauk; ARAPCV, A.D.;
AKHMETOV, A.M.; VINITSKAYA, R.S., kand. biol. nauk; VOLYNSKIY,
Yu.D.; DARBINYAN, T.M., kand. med. nauk; DONETSKIY, D.A., kand.
med. nauk; KLEMENOVA, Ye.S.; KUDRYAVTSEVA, A.M., kand. med. nauk;
KRYMSKIY, L.D., kand. med. nauk; LOKSHINA, K.A.; MAZAYEV, P.N., prof.; PANOVA,
Yu.M.; PROMTOVA, T.N., kand. biol. nauk; PYL'TSOV, I.M.; SERGEYEVA,
K.A., kand. med. nauk; KHARNAS, S.Sh., kand. med. nauk; KHRUSHCHEVA,
kand. med. nauk; TSUKERMAN, B.M., kand. biol. nauk; SHIK, L.L.,
prof.; GOL'DGAMMER, K.K., red.; BALDINA, N.F., tekhn. red.

[Congenital defects of the heart and large vessels] Vrozhdennye poroki serdtsa i krupnykh sosudov; rukovodstvo dlia vrachei. Moskva, Medgiz, 1962. 577 p. (MIRA 16:1)

1. Deystvitel'nyy ohlen Akademii meditsinskikh nauk SSSR (for Vishnevskiy).

(CARDIOVASCULAR SYSTEM--DISEASES)

VISHNEVSKIY, A. A., prof.; DONETSKY, D. A., starshiy nauchnyy sotrudnik;
SHISHKIN, V. P., starshiy nauchnyy sotrudnik

Technique for applying a direct portocaval anastomosis. Khirurgiia
38 no.7:22-25 J1 '62. (MIRA 15:7)

1. Iz Instituta khirurgii imeni A. V. Vishnevskogo (dir. -
deystvitel'nyy chlen AMN SSSR prof. A. A. Vishnevskiy) AMN SSSR.

(PORTOCAVAL ANASTOMOSIS)

DONETSKIY, D.A.

Device for the measurement of the lumen of blood vessels.
Eksper. khir. i anest. 7 no.5:46-47 S-O '62.

(MIRA 17:10)

1. Iz Instituta khirurgii imeni Vishnevskogo (dir.-deystvitel'nyy
ohlen AMN SSSR prof. A.A. Vishnevskiy) AMN SSSR.

DONETSKIY, D.A., kand. med. nauk; KRAKOVSKIY, N.I., prof.

Prolonged preservation of lyophilized preparations in vacuum
test tubes. Khirurgiia 38 no.12:68-69 D '62.

(MIRA 17:6)

1. Iz Instituta khirurgii imeni A.V. Vishnevshogo (direktor -
deystvitel'nyy chlen AMN SSSR prof. A.A. Vishnevskiy) AMN SSSR.

1081 (11), P.A., Paul. red. work (M. 1964)

Inverted nature in optical constitution of the series 1081.
Akron. 1 gln. no. 1111. 18 '66. (MIRA 17:6)

VISHNEVSKIY, A.A., prof.; DONETSKIY, D.A.; KRAKOVSKIY, N.I., prof.

Surgical treatment of arterial and arteriovenous aneurysms in the subclavian region. Vest.khir.90. no.2:106-110 P'63.

(MIRA 16:7)

1. Iz Instituta khirurgii imeni A.V.Vishnevskogo (dir. - prof. A.A.Vishnevskiy) AMN SSSR. Adres avtorpv: Moskva, B. Serpu-khovskaya ul., d.27, Institut khirurgii imeni A.V. Vishnevskogo.
(ANEURYSMS) (SUBCLAVIAN ARTERY—SURGERY)
(SUBCLAVIAN VEIN—SURGERY)

SERGEYEVA, K.A.; DONETSKIY, D.A.

Ballistocardiographic examination in patients with Fallot's tetralogy following surgery for subclavicular-pulmonary anastomosis. Khirurgia no.10:53-56 '64.

(MIRA 18:8)

1. Institut khirurgii imeni Vishnevskogo (dir. - prof. A.A. Vishnevskiy) AMN SSSR, Moskva.

1. DOMETSKIY, L. A.
2. USSR (600)
4. Machine Shops
7. Using Eng. F. L. Kovalev's method in machine shops. Rech. transp. 12 no. 5, '52.

9. Monthly List of Russian Accessions, Library of Congress, January 1953. Unclassified.

DOHETSKIY, L. A .

Thread cutting of large-diameter worn cutters and screws with rectangular threads. Mor.1 rech.flot 13 no.5:10 S '53. (MIRA 6:10)
(Spiral milling)

DOMETSKIY, P.P. (Moskva)

Space echo. Priroda 53 no.4:108-109 '64.

(MIRA 17:4)

DONETSKIY, V.

"In a Helicopter Over Siberia and the Polar and Volga Regions," by V. Donetskiy, Helicopter Commander, Grazhdanskaya Aviatsiya, No 12, Dec 55, pp 6-8 ✓

Mention of a "needed" gravimetric survey in the Omsk region carried out by a group of associates of the Scientific-Research Institute of Geophysical Methods of Prospecting is made in this article on a helicopter expedition. Also mentioned is the use of aerial photographic surveying along the Volga as an aid to dam construction underway.