

I 25862-66

ACC NR. AR5018684

$B_r = 6,000-7,000$  gauss. However, because of high cost, the latter can be used only for very special generators. Calculations have shown that such a PM generator, with 200 kv, 30,000 rpm and 2,000 cps, may weigh 65 kg. A study was made of generators with spurshaped, star-shaped and prismatic PMs. The system with starshaped rotors proved to be unsuitable for generators  $> 7.5$  kva. A generator was designed with 16 kw, 40 cps, 800 rpm with a prismatic shape PM and massive polar sockets of a complex shape, allowing the regulation of the magnetic flow in the generator gap by means of a stationary circular electric magnet and realizing a contactless regulation of the generator voltage. The most usual methods for the stabilization of PM generator voltages are cubic content, throttle choke and magnetic bias of the edge. Along with the synchronous PM motors, low-power hysteresis motors are also gaining ground. For these motors, special magnetic materials have been developed, such as vikalloy. The operational conditions of PM electric motors require a study of the effect of high temperature on the properties of a PM. V. Morozov

SUB CODE: 09/      SUBM DATE: none

Card 2/2 (44)

BRANDER, A.I.; MASTYAYEV, V.Ya.; AVERBUKH, M.A.

An economical source for a d-c arc. Zav. lab. 31 no.2:253 '65.  
(MIRA 18:7)

1. Moskovskiy elektrolampovyy zavod.

MISYUK, N.S.; LEPESHINSKIY, N.A.; LISKOVETS, O.A.; MASYKIN, A.S.

Experience in the diagnosis of brain tumors with the aid of  
a "Ural-1" universal computer. Zhur. nevr. i psikh. 64 no.3:  
453-458 '64. (MIRA 17:5)

1. Kafedra nervnykh bolezney (zaveduyushchiy - prof. N.S.  
Misyuk) Minskogo meditsinskogo instituta i vychislitel'nyy  
tsentr (zaveduyushchiy - dotsent P.M. Chegolin) Belorusskogo  
gosudarstvennogo universiteta imeni V.I. Lenina.

ONISHCHIN, B.P.; VYCHEROV, V.G.; MASTYKOV, G.F.

Electric smelting of oxidized nickel ores for the production of  
iron nickel. *Biul.tekh.-ekon.inform.Gos.nauch.-issl.inst.nauch.i*  
*tekh.inform.* 16 no.8:3-6 '63. (MIRA 16:10)

MASTYKO, G. S.

37469. K Voprosy Krovoznab<sup>Z</sup>heniya Konechnostey i Sukhoshil'nykh Vlagalishch Sgibateley Loshadi. (Avtoreferat Kand. Dissertatsii). Uchen. Zapiski Viteb. Vet. In-ta, t. IX, 1949, s. 44-49.

SO: Letopis' Zhurnal'nykh Statey, Vol. 7, 1949

MASYKO, G.S., dotsent; BAGRINOVSKAYA, Ye.M., assistant; ZHUK, M.M.,  
~~assistant~~

Intravenous administration of novocaine during periodical eye  
inflammation in horses. Veterinariia 37 no.10:53-54 0 '60.  
(MIRA 15:4)

1. Vitebskiy veterinarnyy institut.  
(Horses--Diseases and pests) (Eye--Inflammation)  
(Novocaine--Therapeutic use)

MASTYKO, G. S., Dr. Vet. Sci., -- (diss) "Reaction symptoms of domestic animals to traumas and their clinical value," Vitebsk, 1961, 24 pp (Leningrad State Veterinary Institute) (IL-Supp 9-61, 187)

MASTYKO, G. S. (Docent) and ZHUK, N. N. (Assistant, Vitebsk Veterinary Institute).

"Surface novocain skin blockade in conjunction with biomyacin..."  
Veterinariya, vol. 39, no. 2, February 1962 pp. 60



MASTYKO, G.S., doktor veterinarnykh nauk

Prophylaxis and treatment of prepuce inflammation in bulls.  
Veterinariia 39 no.1:47-49 Ja '63.

(MIRA 16:6)

1. Vitebskiy veterinarnyy institut.  
(Bulls--Diseases and pests) (Penis--Diseases)

MASTYKO, G.S., prof.

Characteristics of pododermatitis in cattle. Veterinaria  
40 no.10:37-39 0'63. (MIRA 17:5)

1. Vitebskiy veterinarnyy institut.

MASTYKO, Grigoriy Stepanovich, doktor veter. nauk prof.;  
DOMASHEVICH, O., red.

[Advice to the stock raiser and veterinary specialist]  
Sovety zhivotnovodu i vetspetsialistu. Minsk, Urozhai,  
1965. 102 p. (MIRA 19:1)

1. Zaveduyushchiy kafedroy obshchey i chastnoy khirurgii  
Vitebskogo veterinarnogo instituta (for Mastyko).

MASTYKO, G.S., prof.

Use of cold and heat. Veterinariia 42 no.8:70-71 Ag '65.  
(MIRA 18:11)

1. Vitebskiy veterinarnyy institut.

MASTYUKOVA, Yu.N.; KHESIN, Ya.Ye.; SARAYEVA, N.T.; SUMAROKOV, A.A.;  
PORUBEL, L.A.

Nature of intracellular inclusions in measles. Vop. virus. 8  
no.1:27-31 Ja-F'63. (MIRA 16:6)

1. Moskovskiy nauchno-issledovatel'skiy institut epidemio-  
logii i mikrobiologii i Moskovskiy nauchno-issledovatel'skiy  
institut virusnykh preparatov.  
(MEASLES VIRUSES) (PATHOLOGY, CELLULAR)

MASTYNSKA, M.

Control examination of patients operated for goiter in 1946-49  
in the Surgical Clinic of Poznan. Polski przeegl. chir. 24 no. 2:  
161-171 Mar-Apr 1952.  
(GIML 23:3)

1. Of the Surgical Clinic (Head--Prof. Roman Drews, M.D.)  
of Poznan Medical Academy.

MASTYNSKA, Maria

Case of gastric cancer. Polski tygod. lek. 11 no.22:991-992  
28 May 56.

1. Z II Kliniki Chirur. AM Poznan; kier. prof. dr. R. Drews.  
Poznan, II. Kl. Chir. A.M.  
(STOMACH, neoplasms,  
case report (Pol))

**MASTYNSKA, Maria**

Indications for surgery in diseases of the spleen. Polski  
przeł. chir. 28 no.2:173-182 Feb 56.

1. Z II Kliniki Chirurgicznej A. M. w Poznaniu. Kier.: prof.  
dr. R. Drews Poznan, ul. Przybyszewskiego 49.  
(SPLEEN, dis.  
surg. indic., review.



MASTYNSKA, Maria; GORAL, Roman; ROGALA, Jozef

Significance of potassium in pre- and postoperative therapy. Polski  
przepl. chir. 28 no.8:853-856 Aug 56.

1. Z II Kliniki Chirurgicznej A.M. Poznan, Kier.: prof. dr.  
R. Drews i z Zakladu Chemii Fiziologicznej A.M. Poznan, Kier.:  
prof. Z. Stolzmann. Poznan, ul. Hetmanska 13 m. 5.

(POTASSIUM, therapeutic use,  
in postop. care (Pol))  
(POSTOPERATIVE CARE,  
potassium replenishment (Pol))

MASTYNSKA, Maria

Repeat procedures on the bile ducts in hepatic calculi.  
Polskie przegl. chir. 28 no.12:1251-1260 Dec 56.

1. Z II Kliniki Chirurgicznej A.M. w Poznaniu Kierownik:  
prof. dr. R. Drews. Adres autora: Poznań, ul. Hetmanska 13 m. 5.  
(CHOLELITHIASIS, surg.  
postop. compl. surg. (Pol))

NASTYNSKA, M.; PEZACK, Z.; HIEROWSKI, M.

Potassium & sodium levels in skeletal muscle & blood. Polski tygod.  
lek. 13 no.29:1117-1120 21 July 58.

1. Z II Kliniki Chirurgicznej A.M. w Poznaniu; kierownik: Prof dr  
Roman Drows i z Zakladu Chemii Fizjologicznej A. M. w Poznaniu; kierownik:  
prof. dr. Zdzislaw Stolzman.

(POTASSIUM, metab.

skeletal musc. & blood, eff. of surg. (Pol))

(SODIUM, metab.

same )

(MUSCLES, metab.

potassium & sodium in skeletal musc., eff. of surg (Pol))

(SURGERY, OPERATIVE, eff.

on potassium & sodium in skeletal musc. (Pol))

MASTYBSKA, Maria, WOJCICKI, Kazimierz

Primary cancer of the duodenum. Polski przegl.chir. 30 no.2:181-187  
Mar '58

1. Z II Kliniki Chirurgicznej A.M. w Poznaniu. Kierownik: Prof.  
dr R. Drews. Adres: Poznan, ul. Przybyszewskiego 49, II Kl. Chirurgiczna .  
(DUODENUM, neoplasms,  
primary, case reports (Pol))

MASZYŃSKA, Maria (Poznan, ul. Przybyszewskiego 49)

Splenectomy in hematological syndromes. Polskie arch. med. wewn. 29  
no.3:351-354 1959.

1. Z II Kliniki Chirurgicznej A.M. w Poznaniu Kierownik: prof. dr  
med. R. Drews.

(SPLEEN, surg.

excis. in blood dis. (Pol))

(BLOOD DISEASES, surg.

splenectomy (Pol))

MASTYNSKA, Maria; GOLENIOWA, Anna

Contribution to cardiospasm in children. *Pediat. polska* 35 no.8:  
893-896 Ag '60.

1. Z II Kliniki Chirurgicznej A.M. w Poznaniu Kierownik: prof.  
dr med. R.Dress i z Kliniki Chorob Dzieci A.M. w Poznaniu  
Kierownik: prof. dr med. T.Rafinski  
(CARDIOSPASM in inf & child)

MASTYNSKA, Maria

Effect of selected surgical interventions on the course of liver  
injuries produced with carbon tetrachloride in the rabbit. Poznan.  
tow.przyjaciol nauk, wydz.lek. 21 no.4:1-46 '61  
(LIVER DISEASES exper) (CARBON TETRACHLORIDE toxicol)

MASTYNSKA, Maria

Results of surgical therapy of cardiac surgery. Polski przegl. chir.  
33 no. 7/8:741-743 '61.

1. Z II Kliniki Chirurgicznej AM w Poznaniu Kierownik: prof. dr  
R. Drews.

(STOMACH NEOPLASMS surg)



MASTYNSKA, Maria

Hard fibromas. Polski przegl. chir. 33 no.10:1091-1094 '61.

1. Z II Kliniki Chirurgicznej AM w Poznaniu Kierownik: prof. dr  
R. Drews.

(FIBROMA)

POLAND

MASTYNSKA, Maria and CIOK, Jerzy, Second Surgical Clinic (II Klinika Chirurgiczna), AM [Akademia Medyczna, Medical Academy] in Poznan (Director: Prof. Dr. Roman DREWS)

"Surgical Treatment and Its Results in Older People."

Warsaw, Polski Tygodnik Lekarski, Vol 18, No 23, 3 Jul 63, pp 1018-1022

Abstract: [Authors' English summary modified] Authors analyzed the success in operations performed on patients 60 years of age or more during 1950-1961 at the clinic. Average mortality from surgery involving acute diseases, gastric ulcers and choletithiasis, and neoplasms, amounted to 11.1 per cent, and was highest (27.3 per cent) for the acute cases. Considering their clinical experience, the authors recommend even major operations for aged persons, provided they are in good general condition and their premedication careful. There are 15 references: 2 Polish, 3 Soviet, 4 German, and 6 in English.

1/1

MASTYNSKA, Maria; WOJCIECHOWSKA, Maria; WOJCICKI, Kazimierz

Distribution of microorganisms in operating rooms. Pol. Hyg.  
lek. 19 no.33:1272-1274 17 S '64.

1. Z II Kliniki Chirurgicznej (kierownik: prof. dr Roman  
Drews) i Zakładu Mikrobiologii Akademii Medycznej w Poznaniu  
(kierownik: prof. dr Jozef Wiza).

MASTYNSKA, Maria; CIOK, Jerzy; PEZACKI, Zdzisław

Effect of ligation of blood vessels supplying the liver and destruction of the pituitary on the development of hepatic tumors.  
Pol. przegl. chir. 36 no.12:1437-1440 D '64

1. Z II Kliniki Chirurgicznej Akademii Medycznej w Poznaniu  
(Kierownik: prof. dr. R. Drewa).

MASTYNSKA, Maria; PIOCH, Edmund; KABZA, Regina

Effect of partial thyroidectomy on the blood iron level.  
Endokr. Pol. 16 no.5:525-528 '65.

1. II Klinika Chirurgiczna AM w Poznaniu (Kierownik: prof. dr. R. Drews) i Katedra Medycyny Sportu AM w Poznaniu (Kierownik: prof. dr. E. Preisler).

MASTYNSKA, Maria; BUCH, Edmund; KABSA, Regina

Iron level in the blood serum of patients in early stages after various surgical operations. Pol. tyg. lek. 20 no.20: 707-710 17 ty 1965.

1. Z II Kliniki Chirurgicznej AM w Poznaniu (Kierownik: prof. dr. Roman Prews) i z Katedry Medycyny Sportu AM w Poznaniu (Kierownik: prof. dr. Elifiusz Preisler).

MASTYNSKI, Z.

Poplar stands in Czajcz. p. 46

SYLWAN. (Wydział Nauk Rolniczych i Lesnych Polskiej Akademii Nauk i Polskie  
Towarzystwo Lesne), Warszawa, Poland.  
Vol. 101, no. 7, July 1957

Monthly List of East European Accessions Index (EEAI), LC, Vol. 8, no. 6, June 1959  
Uncl.

MASTYNSKI, Zdzislaw

Improving our forest economy and management. Sylwan 104  
no.3:87-92 Mr '60.



*Mastyurina, M V*

USSR/Physical Chemistry - Thermodynamics. Thermochemistry. R-3  
Equilibrium. Physico-Chemical Analysis. Phase Transitions

Abs Jour : Referat Zhur - Khimiya, No 2, 1957, 3731

Author : Grigor'yev A.T., Panteleymonov L.A., Sokolevskaya Ye.M.,  
Bunina T.V, Mastyurina M V.

Inst : Institute of General and Inorganic Chemistry, Academy  
of Sciences USSR

Title : Investigation of Alloys of the Palladium-Cobalt-Nickel  
System

Orig Pub : Izv. Sektora Fiz.-khim. analiza IONKh, AN SSSR, 1956,  
27, 185-197

Abstract : By methods of thermal analysis, investigations of micro-  
structure, hardness and electric resistance, a study has  
been made of the Pd-Co-Ni system. Shape of liquidus and  
solidus curves of sections with constant Pd content, and  
also the microstructure of the alloys, indicate that the  
components of the ternary system Pd-Co-Ni form with one

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USSR/Physical Chemistry - Thermodynamics. Thermochemistry. B-8  
Equilibrium. Physico-Chemical Analysis. Phase Transitions

Abs Jour : Referat Zhur - Khimiya, No 2, 1957, 3731

another a continuous series of solid solutions. Addition of Co to Pd-Ni alloys results in a lowering of the hardness of the latter. Small additions of Ni to Pd-Co alloys decrease greatly the hardness of binary alloys rich in Co; in the case of alloys less rich in Co, additions of Ni result in slight decrease of hardness. Specific electric resistance of alloys increases with rising temperature. Lines of equal specific electric resistance at 25° show that it decreases from the palladium corner of the system, toward the Co-Ni side and at the same time the temperature coefficient of electric resistance decreases from the palladium corner of the system, toward the central part of the diagram and then increases again to the Co-Ni side. It was found that changes in properties of alloys, depending on the composition (hardness, electric resistance), on sections of constant Pd content,

Card 2/3

- 81 -

May 7, 1964, A.M., inzn.

Automation      10/12/64      10/12/64      10/12/64      10/12/64

MASTYURIN, Aleksey Yegorovich,  
SULYARDI, B.N.,

(Use of the vinyl acetate copolymerization of  
turpentine, dimerized turpentine, and  
rov kaprona v polimerizatsii s  
promyshlennost', 1961, No. 1, p. 100)

MASTYUKOVA, B.N.; SARAYEVA, N.T.; KOZACHENKO, N.F.

Utilization of the hemagglutination inhibition reaction for the  
titration of antimeasles antibodies. Vop.virus 7 no.4:114-116  
Jl-Ag '62. (MIRA 15:8)

1. Moskovskiy nauchno-issledovatel'skiy institut epidemiologii i  
mikrobiologii.  
(MEASLES) (BLOOD--AGGLUTINATION) (ANTIGENS AND ANTIBODIES)

MASTYUKOV, Yu. N.

"A Study of the Characteristics of the Virus of Smallpox (Vaccinia) and Its Variability." *Sov. Med. Sci., Central Inst. for the Advanced Training of Physicians*, 3: 53, 1954. (W, 14 Sep 54)

SO: Sum 432, 20 Mar 55

MASTYUKOVA, Yu.N.

SOLOV'YEV, V.D.; MASTYUKOVA, Yu.N.; DIDENKO, S.I.

Toxic properties of smallpox vaccine virus. Zhur. mikrobiol. epid.  
i immun. no.10:48-53 O '54. (MLRA 8:1)

1. Direktor Gosudarstvennogo kontrol'nogo instituta vaktsin i  
syvorotok imeni L.A.Tarasevicha (for Didenko) 2. Otdel virusov  
Gosudarstvennogo kontrol'nogo instituta vaktsin i syvorotok imeni  
L.A.Tarasevicha (for Solov'yev, Mastyukova)  
(SMALLPOX VIRUS) (TOXINS AND ANTITOXINS)

**MASTYUKOVA, Yu.N.**

Optimal conditions for the propagation of vaccinia virus in developing embryos. Zhur. mikrobiol. epid. i immun. no.11:15-21 N '54. (MLRA 8:1)

1. Iz otdela virusov (zav. prof. V.D.Solov'yev) Gosudarstvennogo kontrol'nogo instituta imeni L.A.Tarasevicha (dir. S.I.Didenko)  
(VACCINIA, virus,  
culture in chick embryo, optimal cond.  
(VIRUSES,  
vaccinia virus, culture in chick embryo, optimal cond.)



USSR/Medicine - Hemoagglutination, Vaccinia

FD-2314

Card 1/1

Pub 148 - 15/36

Author : Mastyukova, Yu. N.; Li Khe-min' [Li K'o-min]

Title : Hemoagglutination with the virus of smallpox vaccine

Periodical : Zhur. mikro. epid. i immun. No 2, 40-44, Feb 1955

Abstract : Found that chicken erythrocytes vary in sensitivity as far as the hemoagglutinating action of the vaccinia virus is concerned. Also found that the sensitivity of the reaction increases as the concentration of erythrocytes in the suspension is reduced (optimum at 0.5%) and the temperature is raised (optimum at 22-37°). Three references, none USSR.

Institution : Division of Viruses, State Control Institutes of Sera and Vaccines

Submitted : October 13, 1955

MASTYUKOVA, Yu. N.

Variability of the vaccinia virus. Zhur.mikrobiol.epid. i immun.  
no.8:14-20 Ag '55. (MLRA 8:11)

1. Iz gosudarstvennogo kontrol'nogo instituta syvorotok i vaksin  
imeni L.A.Tarasevicha(dir. S.I.Didenko)  
(VACCINIA, virus,  
variability)  
(VIRUSES,  
vaccinia, variability)

MASTYUKOVA, Yu.N.

MARENNIKOVA, S.S.; MASTYUKOVA, Yu.N.

Methods of determining virulence of smallpox vaccine. Zhur.  
mikrobiol.epid. i immun. no.8:86-91 Ag '55. (MLRA 8:11)

1. Iz otdela virusov (zav.--prof. V.D.Selov'yev) Gosudarstvennogo  
kontrol'nogo instituta syverotok i vaksin( dir.--S.I.Didenko)  
(SMALLPOX, immunology,  
vaccine, determ. of virulence)  
(VACCINES AND VACCINATION,  
smallpox vaccine, determ. of virulence)

*MASTYULOVA, V. N.*

USSR/Virology - Human and Animal Viruses.

E-2

Abs Jour : Ref Zhur - Biologiya, No 1, 1957, 421.

Author : V.D. Solov'yev and Yu.N. Mastyulova

Inst :

Title : Investigation of the Immunogenesis of Smallpox Vaccines

Orig Pub : Vopr. Virusologii, 1956, No 1, 23-26.

Abst : A method for testing immunity by intracerebral infection of rabbits preliminarily vaccinated with a neurovaccine has been proposed. On checking by this method 275 series of smallpox vaccines, a definite relationship between the degree of immunity caused by vaccination and the virulence of the smallpox vaccine was revealed. It was also found that the level of antihemagglutinins which accumulate in the blood of the vaccinated animals reflects the state of their nonsusceptibility to intracerebral infection.

Card 1/1

**MASTYUKOVA, Yu.N.**

Study of the immunogenic properties of smallpox vaccines. <sup>Vop.</sup>  
virus. 1 no.3:47-51 My-Je '56. (MLRA 10:1)

1. Kafedra virusologii Tsentral'nogo instituta usovershenstvovaniya  
vrachey. Moskva.

(VACCINES AND VACCINATION,

smallpox vaccine, immunogenic properties (Rus))

(SMALLPOX, immunology,

vaccine, immunogenic properties (Rus))

*MASTYUKOVA, Yu. N.*

MARENNIKOVA, S.S.; MASTYUKOVA, Yu.N.; AKATOVA, E.M.; OGORODNIKOVA, Z.I.

Cultivation of smallpox virus and vaccine in developing chick embryos.  
Vop.virus. 1 no.6:36-40 N-D '56 (MIRA 11:3)

1. Moskovskiy nauchno-issledovatel'skiy institut vaktsin i syvorotok imeni I.I.Mechnikova i kafedra virusologii Tsentral'nogo instituta usovershenstvovaniya vrachey, Moskva.

(VIRUSES, culture

smallpox & vaccinia virus in chick embryos, determ. of differences in pathogenicity)

(VACCINIA, virus

culture in chick embryos, determ. of differences in pathogenicity)

(SMALLPOX, virus

same)

MASTYUKOVA, Yu.N.

MARBENKOVA, S.S.; MASTYUKOVA, Yu.N.

Methods for a laboratory diagnosis of smallpox. Vop.virus. 2  
no.2:115-117 Mr-Apr '57. (MLBA 10:6)

1. Moskovskiy institut imeni I.I.Mechnikova i kafedra virusologii  
TSentral'nogo instituta usovershenstvovaniya vrachey, Moskva.  
(SMALLPOX, diag.  
laboratory methods (Rus))

*Moscow Virology P. N.*

USSR / Virology. Human and Animal Viruses. Viruses of the Pox Group. E-3

Abs Jour : Ref Zhur- Biol., No 20, 1958, No 90648

Authors : Marennikova, S. S.; ~~Mastyukova, Yu. N.~~; Ogorodnikova, Z. I.

Inst : Moscow Scientific Research Institute of Vaccines and Sera

Title : A Study of Inoculability of the Smallpox Vaccine Virus Cultivated in Developing Chicken Embryos.

Orig Pub : Tr. Mosk. n.-i. in-ta vaktsin i syvorotok, 1957, 9, 144-147.

Abstract : The smallpox vaccine virus was cultivated in chicken embryos in the course of 319 consecutive passages. The virus retained its high inoculability, for children. The vaccination process proceeded as in immunization with dermiovaccine.

Card 1/1



USSR / Virology. Human and Animal Viruses. Viruses of the Pox Group. E-3

Abs Jour : Ref Zhur - Biol., No 20, 1958, No 90655

Author : ~~Mastynkova, Yu. N.~~  
Inst : Moscow Scientific Research Institute for Vaccines and Sera.  
Title : Immunogenic Properties of Smallpox Vaccines and Methods of Their Determination.

Orig Pub : Tr. Mosk. n.-1. in-ta vaktsin i syvorotok, 1957, 9, 148-155.

Abstract : 275 series of smallpox vaccines prepared by 17 production laboratories were studied. For an evaluation of their immunizing effect the most suitable method proved to be the intracerebral introduction of  $10D_{10}$  of neurovaccine into previously vaccinated rabbits. With the increase in the infectiousness of the vaccines the survival rate of the rabbits grew in proportion. Direct relation was established

Card 1/2

COUNTRY : USSR  
CATEGORY : E  
JOURN. ABST. : Mikrobiol., No. 1957, No. 9960  
AUTHOR : Mastukova, Y. N.  
INST. : Moscow Scientific-Research Institute of Vaccines and Sera  
TITLE : The Problem of Variability of the Smallpox Vaccine Virus  
ORIG. JOUR. : Tr. Meditsinsk. i. biol. nauch. vopr. : sverotok, 1957, 9, 150-151  
ABSTRACT : Dermovaccine (DV) was passed through rabbit vesicles for 100 successive passages -- testicularovaccine (TV) -- and in 80 passages through rabbit brains -- neurovaccine (NV). Then, both variants were passaged 22 times through the chorioallantoic membrane (CAO) of 12-day chick embryos (0.1 cubic centimeter of 10 percent virus suspension was injected into the CAO). The existence of the virus in the CAO was determined by the hemagglutination reaction; and it was determined quantitatively by means of intradermal titration in the  
Card: 1/3

COUNTRY :

E

CATEGORY :

ALBU. JOUR. : Zhurnal, No. 1959, No. 9966

AUTHOR :

TITLE :

DATE :

OPIN. FEB. :

ABSTRACT : corneae of rabbits, guinea pigs, and on the CAO. The pathogenicity of the TV and NV were established for rabbits by means of infecting them intracerebrally and intratesticularly; for mice, intracerebrally; for chick embryos, on the CAO. The infectious and pathogenic properties of both DV variants which they acquired during the course of prolonged successive passages were reinforced hereditarily and were not altered by passages through chick embryos which constitute a medium for stabilizing the properties of the

Notes:

2/3

13

COUNTRY :  
CATEGORY : E  
ABS. JOUR. : R2h.Biol., No. 1957, No. 9960  
AUTHOR :  
INST. :  
TITLE :  
ORIG. PUB. :  
ABSTRACT : smallpox vaccine virus. -- W. L. U. ...

Card: 3/3

*MASTYUKOVA Yu. N.*  
EXCERPTA MEDICA Sec 4 Vol 12/4 Med. Micro. Apr 59

1156. STUDIES ON IMMUNOGENICITY OF SMALLPOX VACCINES. III. (Russian text) - Mastyukova Yu. N. and Yaroslavskaya N. V. - VOPR. VIRUSOL. 1958, 2 (78-81) Tables 1

In previous reports the immunogenic properties of smallpox vaccines were tested by intracerebral inoculation of immunized rabbits with neurovaccine. The interdependence between the infectivity of vaccines and the degree of immunity has been revealed by this method. Considerable differences in immunogenic properties of vaccines prepared from different strains have been demonstrated. The differences were found to be associated with the difference in the infectivity of vaccines and not with that in their antigenic structure. This paper reports that immunogenic properties of smallpox vaccines depend not only on the quantity of active virus particles in a vaccine, but also on their virulence. It was established that the presence of haemagglutination-inhibiting antibodies in sera of immunized rabbits and the resistance of the latter to intracerebral inoculation with neurovaccine reflected solid immunity and testified to a high potency of the vaccine. (IV, 17)

KARANOVA, E. A.; MASTYUKOVA, Yu. N.; PISHCHURINA, M.M.

Studies on vaccinia virus multiplication in rabbit cornea epithelial cells using fluorescent antibodies. Acta virol. Engl. Ed., Praha 2 no.4:250-252 Oct-Dec 58.

1. Department of Epidemiology and Biochemistry, Gamaleya Institute of Epidemiology and Department of Virology, Central Institute for Perfection of Physicians, Moscow.

(VACCINIA, virus  
multiplication in rabbit corneal epithelial cells, demonstration by fluorescent antibodies.)

SOLOV'YEV, V.D.; MASTYUKOVA, Yu.N.

Method of titration of vaccinia and smallpox viruses and of neutralizing antibodies [with summary in English]. Vop.virus 3 no.6: 342-346 N-D '58. (MIRA 12:1)

1. Kafedra virusologii Tsentral'nogo instituta usovershenstvovaniya vrachey, Moskva.

(SMALLPOX,

titration of viruses & neutralizing antibodies (Rus))

(VACCINIA, virus,

titration (Rus))

MEYSEL', M.H., GUTKINA, A.V., MASTYUKOVA, Yu.N.

Fluorescence microscopic detection of viruses; 20th anniversary of  
fluorescence virusoscopy. Mikrobiologiya 27 no.4:513-519 J1-Ag '58

1. Institut mikrobiologii AN SSSR i Kafedra virusologii TSentral'nogo  
instituta univershenstvovaniya vrachey, Moskva.

(VIRUSES,

demonstration by luminescent microscopy (Rus))



MASTYUKOVA, Y. N.

City of Moscow, U.S.S.R. | 1969, 28, 1088-1110  
and 1972, 30, 1110-1119

**A STUDY OF THE IMMUNOGENICITY  
OF SMALLPOX VACCINES**

**V. D. SOLOV'EV**

*Senior Researcher, Institute  
of Microbiology, Academy of Sciences,  
USSR*

**Y. N. MASTYUKOVA**

*Senior Researcher, Institute  
of Microbiology, Academy of Sciences,  
USSR*

*Central Institute for the Production of Vaccines, Moscow, USSR*

**SYNOPSIS**

The authors report on a series of tests to determine the immunogenicity of smallpox vaccines of varying degrees of infectivity. Challenge tests were conducted with the vaccines and the results were compared with those of the vaccines and the results of the challenge tests. It was possible to determine the immunogenicity of the vaccines and the degree of immunity conferred by the vaccines. The results of the challenge tests are discussed in detail. The authors also discuss the immunogenicity of the vaccines and the results of the challenge tests. The authors also discuss the immunogenicity of the vaccines and the results of the challenge tests. The authors also discuss the immunogenicity of the vaccines and the results of the challenge tests.

Bulletin of the World Health Organization, Vol. 20, No. 6, 1959

MASTYUKOVA, YU. N., SOLOV'YEV, V. D., MARENNIKOVA, S.S.

"Virus vaccines and problems of smallpox vaccination."

report submitted at the 13th All-Union Congress of Hygienists, Epidemiologists  
and Infectionists, 1959.

SOLOV'YEV, V.D.; MASTYUKOVA, Yu.N.

Study of the multiplication of vaccinia virus in tissue cultures.  
Vop.virus. 4 no.4:470-477 J1-Ag '59. (MIRA 12:12)

1. Kafedra virusologii T Sentral'nogo instituta usovershenstvovaniya  
vrachey, Moskva.  
(VACCINIA, cirology)

17(4)

AUTHORS:

Khesin, Ya. Ye., Sarycheva, O. P., Mastyukova, Yu. N.

SOV/20-126-1-48/62

TITLE:

Changes in the Volume of Nuclei of the Hep-2-culture Taking Place Under the Influence of Smallpox Vaccine (Izmeneniye ob'yemov yader kul'tury Hep-2 pod vliyaniyem virusa ospennoy vaktsiny)

PERIODICAL:

Doklady Akademii nauk SSSR, 1959, Vol 126, Nr 1, pp 175-178 (USSR)

ABSTRACT:

As is known, the dimensions of the cell nuclei of different organs in various species of animals are considerably constant (Refs 1-4). The nuclei of every species have a special size and cannot be smaller than that. These sizes are the first category of the volume of nuclei; nuclei of other cells of the species concerned, have the volumes 2, 4, 8, 16 times etc as big as category I. The variation curves of the volumes of nuclei calculated according to the usual methods of variation-statistics, have an unsymmetrically enlarged right section. This proves (Ref 5) the tendency towards enlargement of the cells, contrasted by a restricting action of the organism as a whole. If this action is stopped or reduced (by explantation, denervation, or

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SOV/20-126-1-48/62

Changes in the Volume of Nuclei of the Hep-2-culture Taking Place Under the Influence of Smallpox Vaccine

by chemical poisoning and bacterial toxication as well as by malignization (Refs 5-9)), the cells grow a little. This may also occur temporarily or be functionally conditioned in glands. When they studied the subject mentioned in the title, the authors found a surprising enlargement of the cells (Fig 1). Figure 2 shows a symplast section in a single-layered Hep-2-culture after an infection with the virus given in the title. Figure 3 shows a variation curve of the volumes of nuclei. Figure 4 illustrates the mitotic activity in the infected cultures. From the achieved results the authors drew the following conclusions: 1) The cell nuclei of the breed mentioned in the title are enlarged by 13-17% under the influence of smallpox vaccine. 2) The mitotic activity is reduced due to the influence mentioned above. The number of the multinuclear elements increases. This leads to the formation of gigantic symplasts containing sometimes several hundreds of nuclei. 3) The formation of these symplasts takes place in relation with a diminution of their nuclei to about half of their size. This seems to prove the development of the symplasts caused by amitosis of

Card 2/3

SOV/20-126-1-48/62  
Changes in the Volume of Nuclei of the Hep-2-culture Taking Place Under the  
Influence of Smallpox Vaccine

nuclei without being followed by a zytotomy. There are  
4 figures, 1 table, and 19 references, 4 of which are Soviet.

ASSOCIATION: Moskovskiy nauchno-issledovatel'skiy institut preparatov protiv  
poliomielita (Moscow Scientific Research Institute for Prepara-  
tions Against Poliomyelitis)

PRESENTED: January 21, 1959, by N. N. Anichkov, Academician

SUBMITTED: January 16, 1959

Card 3/3

BEKTEMIROV, T.A.; MASTYUKOVA, Yu.N.

Effect of internal irradiation on experimental viral and rickettsial infections. Report No. 1: Effect of radioactive phosphorus on the susceptibility of white mice to vaccinia viruses. Vop. virus. 5 no. 2:221-225 My-S '60. (MIRA 14:4)

1. Kafedra virusologii Tsentral'nogo institut usovershenstvovaniya vrachey, Moskova.

(VACCINIA) (PHOSPHORUS—ISOTOPES)

MASTYUKOVA, Yu.N.; KHAIT, S.L.

Use of tissue cultures for a quantitative determination of the specific antibodies in antimeasles gamma globulin. Vop.virus. 5 no.3:339-346 My-Je '60. (MIRA 13:9)

1. Moskovskiy institut epidemiologii, mikrobiologii i gigiyeny.  
(MEASLES) (GAMMA GLOBULIN)  
(ANTIGENS AND ANTIBODIES)



KHESIN, Ya.Ye.; PORUBEL', L.A.; MASTYUKOVA, Yu.N.

Morphological study of the cytopathogenic effect of the  
measles virus on human transplanted HEp-1 and amnion cell  
cultures. Trudy Mosk. nauch.-issl. inst. virus. prep. 2:  
305-315 '61. (MIRA 17:1)

MASTYUKOVA, Yu.N.; SARAYEVA, N.T.; KAZACHENKO, N.F.; YAROSLAVSKAYA, N.V.;  
RAYKHSHTADT, G.N.; SHVARTSMAN, M.N.

Studies on results of smallpox vaccination. Vop.virus. 6 no.2:  
189-196 Mr-Apr '61. (MIRA 14:6)

1. Moskovskiy institut epidemiologii, mikrobiologii i gigiyeny  
i sanitarno-epidemiologicheskaya stantsiya Sverdlovskogo rayona  
Moskva.

(SMALLPOX)

MASTYUKOVA, Yu. N.; SARAYEVA, N.T.; KOZACHENKO, N.F.; YAROSLAVSKAYA, N.V.;  
RAYKBSHTADT, G.N.; SHVARTSMAN, M.N.

Study of the results of smallpox vaccination. Report No.2.  
Vop. virus. 6 no.5:573-576 S-0 '61. (MIRA 15:1)

1. Moskovskiy institut epidemiologii, mikrobiologii i gigiyeny i  
sanitarno-epidemiologicheskaya stantsiya Sverdlovskogo rayona Moskvyy.  
(SMALLPOX)

6  
MASTYUKOVA, Yu.N.; YAROSLAVSKAYA, N.V.

On smallpox antibodies. Vop. virus. 7 no. 1:67-74 Ja-F '61.  
(MIRA 14:4)

1. Kafedra virusologii Tsentral'nogo instituta usovershenstvovaniya  
vrachey i Gosudarstvennyy kontrol'nyy institut meditsinskikh  
biologicheskikh preparatov imeni L.A. Tarasevicha, Moskva.  
(SMALLPOX) (ANTIGENS AND ANTIBODIES)

MASTYUKOVA, Yu.N.; KABANOVA, Ye.A.

Problem of Guarnieri bodies. Vop. virus. 7 no. 1:79-82 Ja-F '61.  
(MIRA 14:4)

1. Kafedra virusologii Tsentral'nogo instituta usovershenstvovaniya  
vrachey i otdel epidemiologii Instituta epidemiologii i mikrobiologii  
imani N.F. Gamaleu AMN SSSR, Moskva.  
(VACCINIA)

SOLOV'YEV, V.D.; MASTYUKOVA, Yu.N.; YAROSLAVSKAYA, N.V.; SARAYEVA, N.T.

Mechanism of antismallpox immunity. Report No.4: Production of antibodies during the formation of specific insusceptibility. Vop. virus. 9 no.2:143-148 Mr-Ap '64.

(MIRA 17:12)

1. Kafedra virusologii TSentral'nogo instituta usovershenstvovaniya vrachey i Moskovskiy nauchno-issledovatel'skiy institut epidemiologii i mikrobiologii Ministerstva zdravookhraneniya RSFSR.

SOLOV'YEV, V.D.; MASTYUKOVA, Yu.N.

Mechanism of antismallpox immunity. Report No.5: Role of cellular reactivity in the manifestations of specific nonsusceptibility. Vop. virus. 9 no.3:296-301 My-Je '64.

(MIRA 18:1)

1. Kafedra virusologii Tsentral'nogo instituta usovershenstvovaniya vrachey i Moskovskiy nauchno-issledovatel'skiy institut epidemiologii i mikrobiologii.

KOLESNIKOVA, L.I.; MASTYUKOVA, Y.N.; KHOLCHEV, N.V.; KOZACHENKO, N.F.;  
PETROVA, Ye.T.; KHAYLO, G.V.

Results of hyperimmunization of animals with measles virus.  
Vop. virus. 10 no.1:87-90 Ja-F '65. (MIRA 18:5)

1. Moskovskiy nauchno-issledovatel'skiy institut epidemiologii  
i mikrobiologii.



SOLOV'YEV, V.D.; MASTYUKOVA, Yu.N.; YAROSLAVSKAYA, N.V.; SARAYEVA, N.T.

Possibility of experimental transformation of smallpox virus into vaccine virus. Vop. virus. 10 no.3:307-315 My-Je '65. (MIRA 18:7)

1. Kafedra virusologii Tsentral'nogo instituta usovershenstvovaniya vrachey i Moskovskiy nauchno-issledovatel'skiy institut epidemiologii i mikrobiologii.

SOLOV'YEV, V.D.; MASTYUKOVA, Yu.N.; SUMAROKOV, A.A.; SARAYEVA, N.T.;  
GUTKINA, A.V.

Mechanism of antismallpox immunity. Report No.6 Role of  
antigen in the phenomena of specific insusceptibility.  
Vop. virus. 10 no.5:583-589 S-0 '65.

(MIRA 18:11)

1. Kafedra virusologii Tsentral'nogo institut usovershenstvovaniya  
vrachey i Moskovskiy nauchno-issledovatel'skiy institut epidemio-  
logii i mikrobiologii.

SARAYEVA, N.T.; MASTYUKOVA, Yu.N.; IGNAT'YEVA, G.V.; LEDENEVA, A.T.;  
KHLIABICH, G.N.

Serological analysis of the clinical and epidemiological  
effectiveness of various  $\gamma$ -globulin doses in the prevention  
of measles. Zhur. mikrobiol., epid. i immun. 42 no.11:  
44-48 N 165. (MIRA 1965)

1. Monkovskiy institut epidemiologii i mikrobiologii. Moscow  
June 4, 1965.

IGNAT'YEVA, G.V.; SARAYEVA, N.T.; KHROMETSKAYA, T.M.; LID NEVA, A.G.;  
MASTYUKOVA, Yu.N.; NESTEROVA, T.P.; ALAFUZOVA, S.E.; YERSHOVA, A.S.;  
BARANOVA, T.V.; BEKLEMESHEVA, Ye.D.; SHIPOVA, Ye.P.; SUKHANOVA, R.V.;  
KHLIYABICH, G.N.; KHANTISIS, S.S.

Clinical and epidemiological effectiveness of a reduced dose of  
 $\gamma$ -globulin (1.5 ml) in seroprophylaxis of measles. Zhur.mikrobiol.,  
epid. i immun. 42 no.12:57-61 D '65. (MIRA 19:2)

1. Moskovskiy institut epidemiologii i mikrobiologii; Institut viru-  
sologii imeni Ivanovskogo AMN SSSR; Moskovskaya sanitarno-epidemiolo-  
gicheskaya stantsiya; Rybinskaya sanitarno-epidemiologicheskaya  
stantsiya; Vladimirskaia sanitarno-epidemiologicheskaya stantsiya i  
Ob'yedinennaya detskaya poliklinika, Maknachkala.

MASUMOV, S.A.; professor; GABIDULINA, S.Sh.

Penicillin therapy of diffuse suppurative peritonitis. *Khirurgiia* no.3:  
41-44 Nr '53. (MLBA 6:6)

1. Kafedra obshchey khirurgii lechebnogo fakul'teta Tashkentskogo medi-  
tsinskogo instituta imeni V.M. Molotova. (Penicillin--Therapeutic use)  
(Peritonitis)

MASUMOV, S.A.

Surgical indications in acute cholecystitis. *Khirurgia*, Moskva no.5:  
48-55 May 1953. (CJML 25:1)

1. Professor. 2. Tashkent.

NADEZHINA, I.M.; MASUMOV, S.A., professor, direktor.

Masked perforation in gastric and duodenal ulcers. Khirurgiia no.7:34-37  
Jl '53. (MIRA 6:9)

1. Gospiatal'naya khirurgicheskaya klinika lechebnogo fakul'teta Tashkentskogo  
meditsinskogo instituta imeni V.M.Molotova.  
(Stomach--Ulcers) (Duodenum--Ulcers)

MASUNOV, S.A., professor

Technic of novocaine anesthesia in surgery of the upper half of the abdomen. Khirurgiia no.2:32-34 F '55. (MIRA 8:5)

1. Kafedry propedeticheskoy khirurgii lechebnogo fakul'teta Tashkentskogo meditsinskogo instituta imeni V.M.Molotova (dir. dotsent A.G.Gulamov).

(ABDOMEN, surgery,  
anesth., procaine)

(PROCAINE, analgesia and anesthesia,  
in abdom. surg.)

(ANESTHESIA,  
procaine, in abdom.surg)



*MASUMOV, S.A.*

**MASUMOV, S.A., prof.**

Surgery in gastric and duodenal ulcer. Sbor.trud.Tashk.KENP  
no.1:95-125 '56 (MIRA 11:3)  
(PEPTIC ULCER)

*\*Surgery in gastric and duodenal ulcer*

MASUMOV, S.A., prof.

\* Histopathology of goiter in endemic foci of Uzbekistan. Med.  
zhur.Uzb. no.8-9:59-67 Ag-S '58. (MIRA 13:6)  
(UZBEKISTAN--GOITER)

MASUMOV, S.A., prof.

Pathogenesis and treatment of acute pancreatitis. Med. zhur. Ūzb.  
no.1:3-12 Ja '61. (MIRA 14:6)

1. Iz kafedry gospital'noy khirurgii Tashkentskogo gosudarstvennogo  
meditsinskogo instituta.

(PANCREAS—DISEASES)

621.316.727

876. Compensation of reactive power in industrial consumers' installations. B. L. Aizerman

V. I. MASUMOV, *From. Energ.*, No. 7, 4-7 (July, 1950)  
*In Russian*

Magnitude of the power factor allowed by the power supply system to the industrial consumer should be determined by the balance of reactive power in the system. Supply systems should especially demand compensation of reactive power by consumers fed by 6 or 10 kV cables longer than 2 km. All existing means of p.f. improvement should be utilized before the rating of new compensating equipment is determined. Application of static condensers (6 or 10 kV) appears to be most economical and its economics should be considered before any rotary compensating equipment is approved. Existing tariffs should be revised to stimulate p.f. improvement by industrial consumers.

J. LUKASIEWICZ

B 64  
L

METALLURGICAL LITERATURE CLASSIFICATION

MASUMYAN, G. Ya.

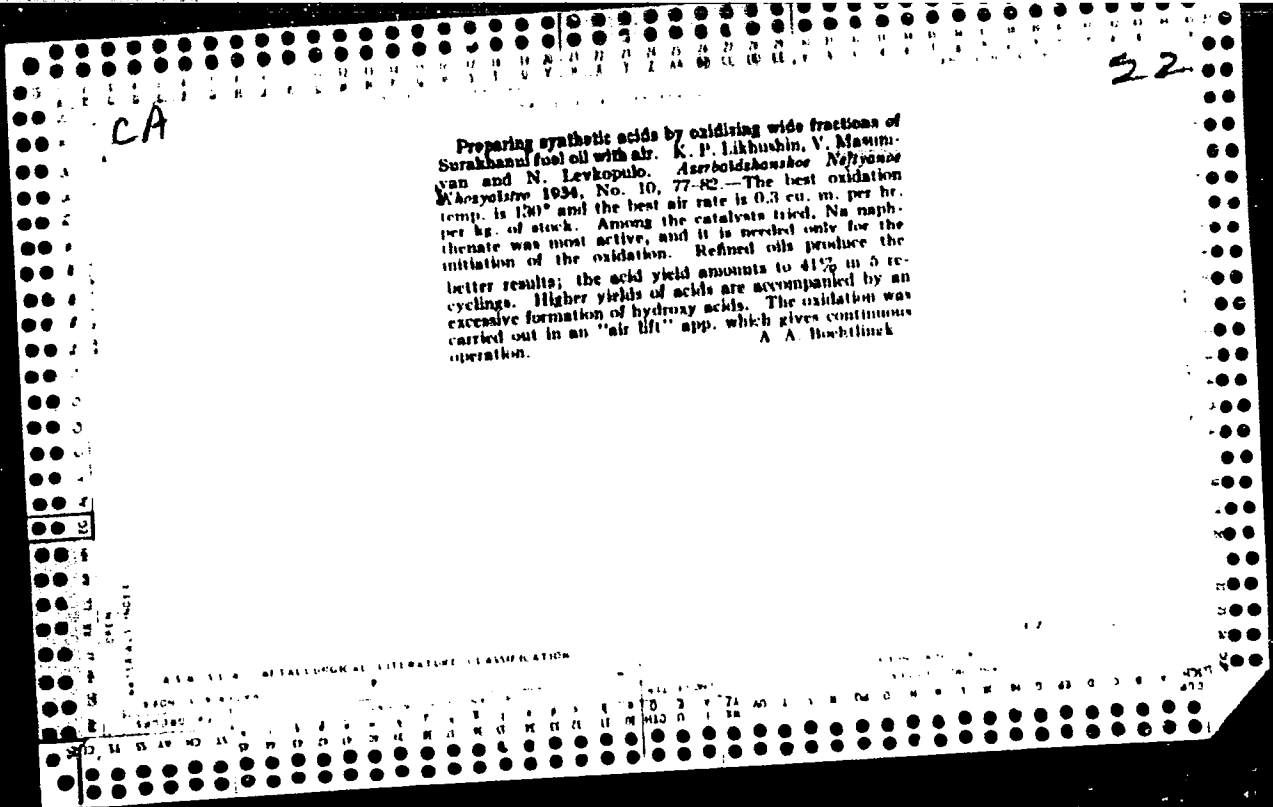
"Peculiarities of Pneumonia in Children in War-time." Thesis for degree of Cand. Medical Sci. Sub 3 Oct 50, Central Inst for the Advanced Training of Physicians

Summary 71, 4 Sep 52, Dissertations Presented for Degrees in Science and Engineering in Moscow in 1950. From Vechernyaya Moskva, Jan-Dec 1950.

MASUMYAN, G.Ya.

Synthomycin therapy of bacillary dysentery in young children. *Pediatria*  
no.3:72 My-Je '53. (MLHA 6:8)

1. Bakinskaya pervaya gorodskaya detskaya bol'nitsa.  
(Antibiotics) (Dysentery)



PROCESS AND PROPERTIES INDEX

82

*Handwritten mark*

**Preparation of synthetic acids by oxidizing a wide fraction of Sarakhanul fuel oil with air** Il. K. P. Lik-bushin, V. Ya. Masunyan and N. Kh. Levkopol. *Azerbaidzhan'skiy Neftyanoye Khimicheskiy* 1934, No. 11-12, 87-9; cf. C. A. 29, 6034. In an attempt to establish the most favorable conditions for the extrn. of the wide oxidized fraction the following exper. results are recorded: A preliminary washing of the acidic oil with H<sub>2</sub>O is not essential. The agitation is carried out first with air and then with steam. The proper selection of the strength of the alkali (5°Bé. and 35°Bé.) can be made only after large scale expts. The amt. of alkali introduced should exceed 25% of that required for sapon. and the operation should be carried out in the usual manner in mixers at a temp. not less than 95°. The removal of the main portion of the unsaponifiable substances from the soap solns. is effected

by adding 75% H<sub>2</sub>O (on the soap soln.) and treatment with live steam, further removal of oil being carried out by an introduction of small amts. of kerosene distillate. The process should be conducted at 95-100°, followed by an 18-hr. settling period after each removal of unsaponified substances. The acid oil obtained in the above manner contained 40% hydroxy acids, 40% normal acids (sol. in gasoline) and 20% unsaponifiable substances. The normal acids had d<sub>4</sub> 0.82, I no. 0.32, sapon. no. 200.3, acid no. 153.2 and n 1.4908, while the corresponding data for hydroxyacids were: 1.0843, 12.76, 158.6, 88.6 and 1.4040. A soap prepd. from fat acids obtained by splitting cottonseed oil (90% splitting) and synthetic acids used at a ratio of 7:3, had sapond. fats 74.83%, acid no. 188.53 (of the sapond. fats), unsapond. and unsaponifiable substances 5.4% (composed of 0.71% unsapond. and 4.61% unsaponifiable substances), alkalis 10.10%, dry soap 81.38% and free alkali none. A. A. Bochtlingk

METALLURGICAL LITERATURE CLASSIFICATION

E2



MASUMYAN, V.Ya.; MKHITARYAN, Sh.A.

Fluids for hydraulic fracturing of oil sands. Azerb.neft.khoz.  
35 no.6:18-20 Je '56. (MLRA 9:10)

(Petroleum engineering)

MASUMYAN, V. F.; DANIELYAN, M. K.; ANTONOVA, K. I.; SULTANOVA, Kh. M.;  
ARUSTAMOV, A. S.

Preparing Baku crude oils for processing. Sbor. trud, AzNII NP  
no. 2:16-33 Ag '58. (MIRA 12:6)  
(Baku--Petroleum)  
(Petroleum--Refining)

SOV/81-59-8-289.F

Translation from: Referativnyy zhurnal, Khimiya, 1959, Nr 8, p 497 (USSR)

AUTHORS: Masumyan, V. Ya., Danielyan, M. K., Antonova, K. I., Sultanova, Kh. M.,  
Ahustanov, A. S.

TITLE: The Preparation of Baku Petroleum for Processing

PERIODICAL: Sb. tr. Azerb. n.-i. in-te rafleperarabat. prom-sti, 1958, Nr 2,  
pp 16 - 33 (Azerb. summary)

ABSTRACT: A comprehensive thermomechanical process has been developed for preparing Baku petroleum for processing. Demulsification is carried out at a temperature of 110 - 140°C and a pressure of up to 6 atm, and the decomposition of emulsion is carried out in a mixer, where the preliminarily heated petroleum is subjected to intensive mixing. The separation of the principal mass of drill water is carried out in the first group of dehydrators. The second mixer is fed with petroleum containing 2 - 3% of water, and washing water; as a result of vigorous mixing the salts pass into the washing water. The settling of the

Card 1/2

The Preparation of Baku Petroleum for Processing

SOV/81-59-8-28908

washing water is carried out in the second sections of the dehydrators, after which the petroleum is cooled and passes into the storage tank for the prepared petroleum. The method developed makes it possible to reduce the consumption of demulsifier by 55 - 60%.

N. Kel'tsev

Card 2/2

KARAPETOV, K.A., nauchnyy sotr.; MELIKBEKOV, A.S., nauchnyy sotr.;  
CHERFAS, A.A.; Prinsipali uchastiye: AMIROV, A.D.; BILANDARLY,  
A.A.; DURMISHYAN, A.G.; LAYTSEV, Yu.V.; KOCHARYANTS, Sh.M.;  
IBRAGIMOV, E.S.; MASUMYAN, V.Ya.; TAGIYEV, Z.B.; CHEENOMORBIKOV,  
M.Z.; KHALAFBEKOV, N.Kh.

[Instructions on the hydraulic fracturing of producing and  
injection wells] Instruksia po primeneniu gidravlicheskogo  
razryva plasta v neftianykh i nagnetatel'nykh skvazhinakh.  
Baku, 1959. 58 p. (MIRA 15:4)

1. Azerbaidzhanskoye nauchno-tekhnicheskoye obshchestvo nefte-  
gazovoy promyshlennosti. 2. Chleny Azerbaydzhanskogo nauchno-  
tekhnicheskogo obshchestva neftyanoy promyshlennosti,  
Azerbaidzhanskiy nauchno-issledovatel'skiy institut po dobyche  
nefti (for karapetov, Melikbekov).  
(Oil wells--Hydraulic fracturing)

MASUMYAN, V.Ya., kand. khim. nauk

Resources of petrochemical raw materials and prospects of the  
production of surface-active agents in the Ukraine. Khim. prom.  
[Ukr.] no.3:40-41 J1-S '64.

(MIRA 17:12)

GUTYRYA, V.S. [Hutyria, V.S.], doktor khim.nauk; PATRILYUK, K.I. [Patryliak, K.I.], kand.tekhn.nauk; GALICH, P.N. [Halych, P.M.], kand.tekhn.nauk; MASUMYAN, V.Ya., kand.tekhn.nauk; GAPONENKO, O.I. [Haponenko, O.I.]

Separation of aromatic hydrocarbons from kerosene-gas oil fractions.  
Khim.prom. [Ukr.] no.2:20-22 Ap-Je '65.

(MIRA 18:6)

BILAY, V.I.; PIDOPLICHKO, N.N. [Pidoplichko, M.M.]; GUTYRYA, V.S. [Hutyria, V.S.];  
BUKHALO, A.S.; V'YUN, A.A. [V'iun, H.A.]; GALICH, P.N. [Halych, P.M.];  
KOVAL', E.Z.; MASUMYAN, V.Ya.; MIL'KO, A.A. [Mil'ko, O.O.]

Petroleum hydrocarbons as a source of carbon for microscopic  
mycelial soil fungi. Mikrobiol. zhur. 27 no.2:3-10 '65.

(MIRA 18:5)

1. Institut mikrobiologii i virusologii AN UkrSSR i Institut  
khimii vysokomolekulyarnykh soyedineniy AN UkrSSR.



GUTYRYA, V.S., glav. red.; KLIMENKO, A.P., zam. glav. red.; GALICH, P.N., red.; KAMAKIN, N.M., red.; MAN'KOVSKAYA, N.K., red.; MASUMYAN, V.Ya., red.; SERDYUK, O.P., red.

[Petroleum chemistry; paraffin petroleum hydrocarbons]  
Neftekhimiia; parafinovye uglevodorody nefti, ikh vydelenie i pererabotka. Kiev, Naukova dumka, 1964. 138 p.

(MIRA 17:10)

1. Akademiya nauk URSS, Kiev. Institut khimii vysokomolekulyarnykh soyedineniy.

MASURA, M., CLAVIK, I.

Bleaching hemicellulose. p. 44. Vol. 9, no.1, Jan. 1955, Chemické Zvesti.

SOURCE: East European Accessions List (EEAL), LC, Vol 5, no. 3, March 1956

MASURA, S.

"How are Plants Nourished in Cold Soils?" p. 439. (PROROGDA A SPOLODNOST.  
Vol. (2), No. 7, 1953; Praha, Czech.)

So: Monthly List of East European Accessions, (EEAL), LC, VOL. 4, No. 4,  
April 1955, Uncl..

MASURA S. Usn., nosn. a Krcn. odd. stat. obl. nem. v Michalovciack. Toxicky ucinok streptomyc'imu pri liecbe meningit'idy Toxic effects of streptomycin in the treatment of meningitis Bratislavske lekars. Listy 1951, 31/5-6 (617-619)

A patient aged 30 with meningeal signs received 0.1 g. streptomycin intrathecally; 30 min. later he developed 3rd degree horizontal nystagmus, incontinence of urine, inability to sit up, loss of equilibrium, aphasia, dyslalia and restlessness and irritability. Puncture yielded CSF under high pressure with no chemical or other changes except such as were present before the administration of streptomycin. All signs of irritation of the leptomeninges disappeared the next day. It is believed that the cause was an allergic reaction, streptomycin given some days earlier being responsible for the sensitization.

Prochazka - Prague (XX, 8)

SO: Excerpta Medica, Section VIII, Vol 5, No 10