SHAPIRO, A.D.

Production of antiseptic paperboards. Bum. prom. 36 no.7:12-13 Jl '61. (MIRA 14:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut tsellyulozno-bumazhnoy promyshlennosti.

(Paperboard)

SHAPIRO, A.D.; ROZINOVA, S.G.

Fiber-particle boards. Der.prom. 11 no.3:6-8 Mr '62. (MIRA 15:2)
(Hardboard)

SKLYARSKIY, Aron Moiseyevich, inzh., inzh.; SHAPIRO, A.D., inzh., red.; FOMICHEV, A.G., red. izd-va; GVIRTS, V.L., tekhn. red.

[Centrifugal casting of machine parts of polyamides]TSentrobezhnoe lit'e detalei mashin iz poliamidov. Leningrad, 1962. 30 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Sinteticheskie materialy, no.3) (MIRA 15:10)
(Amides) (Plastics—Molding)

SHAPIRO, A.D.

Is it necessary to increase the dryness of wood-fiber boards before hot pressing. Bum. prom. 38 no.5:16 My '63.
(MIRA 16:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut tsellyulozno-bumazhnoy promyshlennosti.
(Fiberboard)

ALEKSEYEV, A.A., inzh., red.; V'YUKOV, I.Ye., kand. tekhn. nauk, red.; GRABOVSKIY, V.A., kand. tekhn. nauk, red.; ZHITKOV, A.V., kand. tekhn. nauk, red.; NAUMOV, V.V., kand. ekon. nauk, red.; NEPENIN, Yu.N., kand. tekhn. nauk, red.; PUZYREV, S.A., kand. tekhn. nauk, red.; RYUKHIN, N.V., kand. tekhn. nauk, red.; SHAPIRO, A.D., kand. tekhn. nauk, red.; ELIASHBERG, M.G., doktor tekhn. nauk, red.

[Handbook for the papermaker in three volumes] Spravochnik bumazhnika v trekh tomakh. Moskva, Izd-vo "Lesnaia promyshlennost'." Vol.1. Izd.2., perer. i dop. 1964. 840 p. (MIRA 17:8)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut tsellyulozno-bumazhnoy promyshlennosti.

KOKHAS', V.M., ekonomist; SHAPIRO, A.G.

Constantly lower the cost of building and assembly operations. Transp. stroi. 12 no.2:41 F '62. (MIRA 15:7)
(Construction industry—Costs)

KOKHAS', V.M., ekonomist; SHAPIRO, A.G., ekonomist

Put your accounts with your customers into good order. Transp. stroi. 12 no.4:35-36 Ap '62. (MIRA 15:5)
(Construction industry--Accounting)

SHAPIRO, A. I.

Gruzovoye delo na morskom transporte (loading work on marine transport, by) G. I. Balandin (and) A. I. Shapiro. Leningrad, Izd-vo morskoy transport, 1952. 235 p. illus., tables.

N/5
756.545
.B1

POLEVOY, Aleksey Pavlovich; SHAPIRO, A.I., red.; VOINOV, A.A., red. izd-va; LAVRENOVA, N.B., tekhn. red.

[Volume and weight of cargo transported by water] Ob"em i ves gruzov perevozimykh morem. Moskva, Izd-vo "Morskoi transport," 1958. 208 p. (Ships--Cargo) (MIRA 11:8)

MITSKEVICH, Z.A.; PIROGOVA, V.T.; LEVITAS, Ye.L.; SHAPIRO, A.I., otv. za vypusk

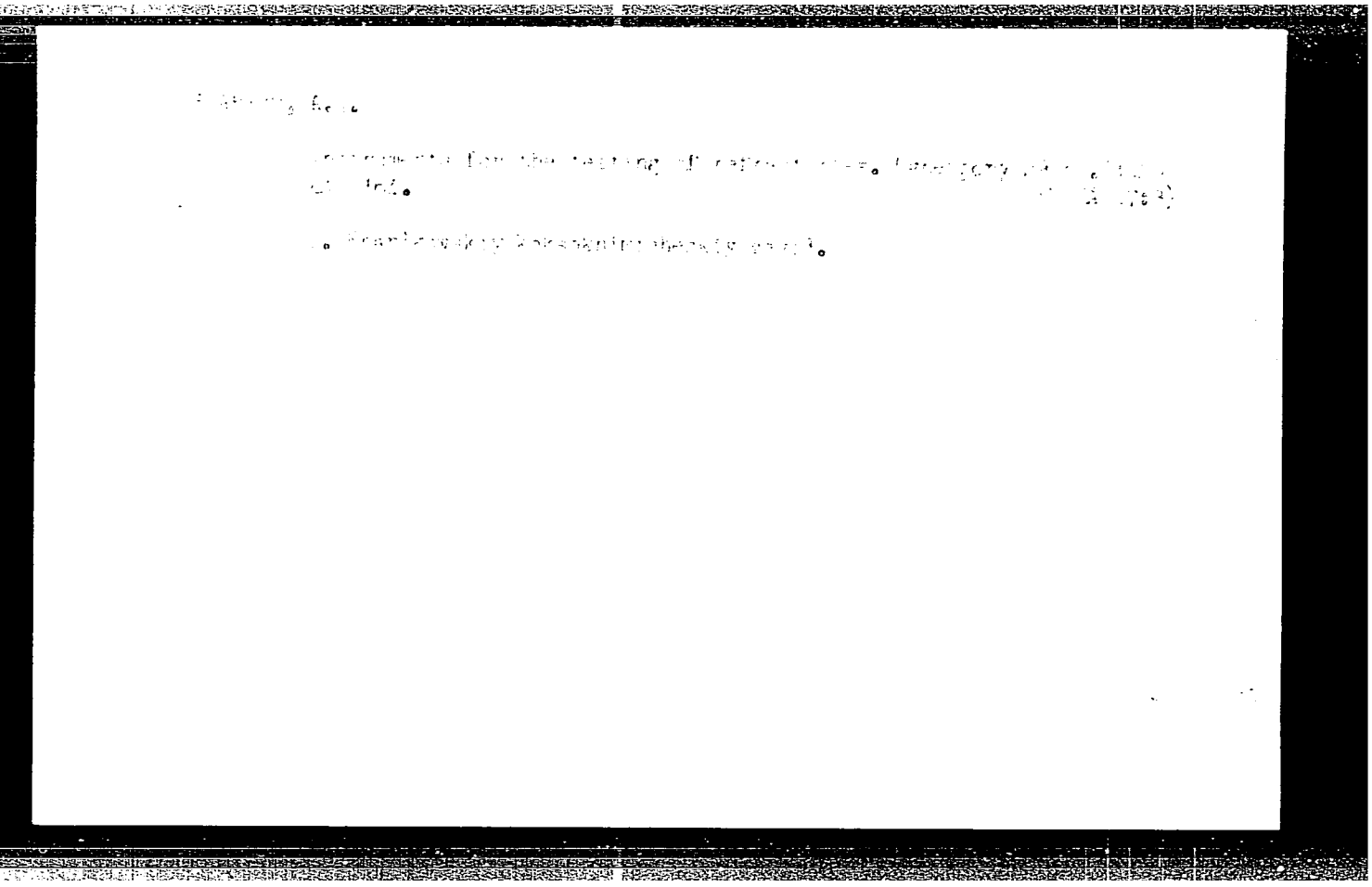
[redacted]

[Plastics from polyamide resins; review of domestic and foreign literature] Plasticheskie massy na osnove poliamidnykh smol; obzor otechestvennoi i zarubezhnoi literatury. Kiev, Nauchno-issl. in-t mestnoi i toplivnoi promyshl. "Niimesttopprom," 1958. 36 p. (MIRA 12:2)

(Amides)

RODIN, Petr Radionovich; KHRISTICH, Z.D., kand.tekhn.nauk, retsenzent; SHAPIRO, A.I., inzh., red.; ONISHCHENKO, N.P., red.

[Fundamentals of the theory of the design of metal-cutting tools] Osnovy teorii proektirovaniia rezhushchikh instrumentov. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1960. 159 p. (MIRA 13:5)
(Metal-cutting tools)



SHAPIRO, A.I.

A stock metallic formwork for the making of concrete linings in horizontal workings. Trudy TSNIIPodzemshakhtstroia no.3:97-100 '64. (MIRA 18:9)

SHAPIRO, A.I.

Frame set supports of reinforced cementless concrete. Ugol' Ukr. 9 no.12:17-18 D '65. (MIRA 19:1)

1. Glavnyy konstruktor proyekta TSentral'nogo nauchno-issledovatel'skogo i proyektno-konstruktorskogo instituta podzemnogo shakhtnogo stroitel'stva.

SHAPIRO, A.I.

Reinforcing mine shafts with plastic concrete. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. 18 no.2: 24-25 F '65. (MIRA 18:5)

SHAPIRO, A. I.

Phenomenon of morphologic blood dissociation (third fraction) in neurosyphilis. Vest. vener., Moskva no.4:45 July-Aug 1951. (CIML 21:1)

1. Of the Serological Laboratory (Head -- Prof. A. I. Shapiro), Leningrad Scientific-Research Psychoneurological Institute imeni V. M. Bekhterev (Director -- Prof. V. N. Myasishchev).

SHAPIRO, A.I.

Phenomenon of washing from coagulum of form elements. Klin. med., Moskva 30 no.2:80 Feb 1952. (CLML 22:1)

1. Professor. 2. Of the Psychoneurological Institute imeni V. M. Bekhterev (Director -- Prof. V. N. Myasishchev; Head of Serological Laboratory -- Prof. Shapiro), Leningrad.

SHAPIRO, A.I.; UDAL'TSOVA, M.S.

Some serological peculiarities of patients with chronic alcoholism. Sbor. turda. Len. nauchn. ob-va nevr. i psikh. no.6:20-27 '59. (MIRA 13:12)

1. Iz serologicheskoy laboratorii Instituta imeni V.M.Bekhtereva (direktor - chlen-korrespondent Akademii pedagogicheskikh nauk RSFSR prof. V.N. Myasishchev, zav. serologicheskoy laboratoriyey - prof. A.I. Shapiro).

(ALCOHOLISM) (ANTIGENS AND ANTIBODIES)

MUCHNIK, L.S.; SHAPIRO, A.I.

Materials for a study and comparative evaluation of the immunobiological reactivity of the body in schizophrenia and protracted infectious psychoses. Sbor. trud. Len. nauchn. ob-va nevr. i psikh. no.6:207-216 '59. (MIRA 13:12)

1. Iz kafedry psikhiatrii (zav. - prof. V.K. Fedorov) Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta i serologicheskoy laboratorii (zav. - prof. A.I. Shapiro), Psikhonevrologicheskogo instituta imeni V.M. Bekhtereva (direktor - chlen-korrespondent Akademii pedagogicheskikh nauk RSFSR prof. V.N. Myasishchev).
(PSYCHOSES) (IMMUNITY) (SCHIZOPHRENIA)

SHAPIRO, A.I.; GANKINA, T.B.

Significance of hematological and immunological investigations in a clinic for nervous and mental diseases. Trudy Gos. nauch.-issl. psikhonevr. inst. no.20:35-40 '59. (MIRA 14:1)

1. Gosudarstvennyy nauchno-issledovatel'skiy psikhonevrologicheskiy institut imeni V.M. Bekhtereva, Leningrad.
(NERVOUS SYSTEM--DISEASES) (BLOOD--EXAMINATION)
(SERUM DIAGNOSIS)

SHAPIRO, A.I.

Hemolytic activity of blood serum as an indicator of the protective function of the body in nervous and psychic diseases. Trudy Gos. nauch.-issl. psikhonevr. inst. no.24:241-246 '61. (MIRA 15:5)

1. Kliniko serologicheskaya laboratoriya Gosudarstvennogo nauchno-issledovatel'skogo psikhonevrologicheskogo instituta imeni V.M.Bekhtereva.
(HEMOLYSIS AND HEMOLYSINS) (MENTAL ILLNESS)
(NERVOUS SYSTEM--DISEASES)

SHAPIRO, A.I.

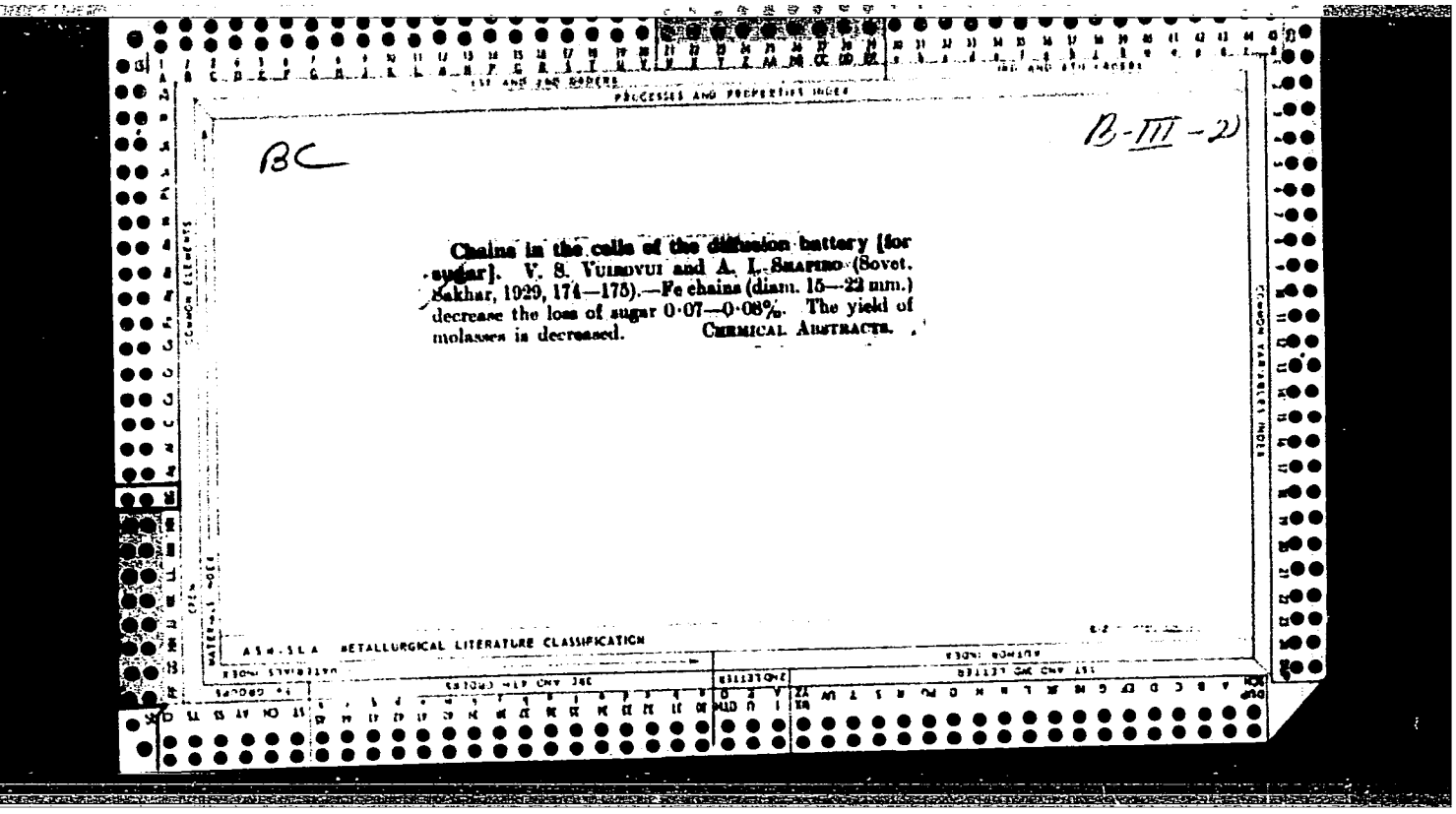
Study of autoimmunization processes in some nervous and mental diseases. Vop.psikh.i nevr. no.7:319-321 '61. (MIRA 15:8)

1. Iz serologicheskoy laboratorii nauchno-issledovatel'skogo psikhonevrologicheskogo instituta imeni V.M.Bekhtereva (dir. - chlen-korrespondent Akademii pedagogicheskikh nauk RSFSR prof. V.N.Myasishchev).
(MENTAL ILLNESS--DISEASES) (IMMUNOHEMATOLOGY)

SHAPIRO, A.I.; YAKOVLEVA-SHNIRMAN, I.V.

Characteristics of the immunobiological reactivity in epileptic children. Vop.psikh.i nerv. 8:121-132 '62. (MIRA 17:4)

1. Iz serologicheskoy laboratorii (zav. - prof. A.I.Shapiro) i detskogo psikhiatricheskogo otdeleniya Psikhonevrologicheskogo instituta imeni V.M.Bekhtereva (zav. prof. G.B.Abramovich, direktor instituta - B.A.Lebedev).



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Chains in the cells of the diffusion battery [for sugar]. V. S. Vuimovui and A. L. Shapiro (Sovet. Sakhar, 1929, 174—175).—Fe chains (diam. 15—22 mm.) decrease the loss of sugar 0·07—0·08%. The yield of molasses is decreased. Chemical Abstracts.

SHAPIRO, A.I.

Unexploited possibilities. Sakh.prom. 27 no.7:32-33 Jl '53. (MLRA 6:6)

1. Glavnoye upravelniye sakharnoy promyshlennosti. (Sugar industry)

SHAPIRO, A.I., inzhener; KATS, V.M., inzhener

[Nomographic computations of the capacity of apparatus in beet sugar factories] Nomograficheskii raschet moshchnosti oborudovaniia sveklosakharnykh zavodov. Moskva, Pishchepromizdat, 1955. 110 p.
(Sugar machinery) (MLRA 9:8)

SHAPIRO, A. I.

Concerning the Quality of Beet Slices. Leka Promishlenost (Light Industry), #11:41:Nov. 1955

SHAPIRO, A. I.

For improvement of technical and chemical control Sakh.prom. 29 no.3:20-22 '55. (MIRA 8:7)

1. Glavnoye upravleniye sakharnoy promyshlennosti
(Sugar industry)

SHAPIRO,A.I.

Pool knowledge of automation. Sakh.prom. 29 no.4:46-47 '55.
(MLRA 8:9)
(Sugar industry--Equipment and supplies) (Automatic control)

SHAPIRO,A.I.

Cossette quality. Sakh.prom.29 no.5:8-10 '55. (MLRA 8:11)

1. Ministerstvo promyshlennosti prodovol'stvennykh tovarov SSSR

(Sugar industry)

BRONSHTEYN, D.G.; SHAPIRO, A.I.

Mechanization of sugar beet harvesting ("Zeitschrift für die Zuckerindustrie", no.1. 1956) Abstracted by D.G.Bronshtein, A.I.Shapiro. Zakh. prom.30 no.5:68-69 My '56. (MLRA 9:9)
(Sugar industry)

BRONSHTEYN, D.G.; SHAPIRO, A.I.

Comparison between the diffusion battery function and RT continuous-motion rotary diffusion apparatus ("Zeitschrift für die Zuckerindustrie", no.3 1956). Sakh.prom.30 no.5:70-72 My '56. (MLRA 9:9)
(Sugar machinery)

BRONSHTEYN, D.G.; SHAPIRO, A.I.

Effect of scalding on sugar beets of various quality ("Zucker" no.5 1956). Sakh.prom. 30 no.8:72-74 Ag. '56. (MLRA 9:11)
(Sugar beets).

BRONSHTEYN, D.G.; SHAPIRO, A.I.

Comparison of sugar output of the campaigns of 1955-56, 1937-38 and 1950-51 ("Zucker" no.8 1956). Sakh.prom. 30 no.8:76 Ag. '56.
(Sugar industry--Statistics) (MLRA 9:11)

BRONSHTEYN, D.G.; SHAPIRO, A.I.

Some production results in 1955 ("Zucker" no.8 1956). Sakh.prom. 30 no.8:76 Ag. '56. (MLRA 9:11)
(Diffusers)

BRONSHTEYN, D.G.; SHAPIRO, A.I.

Quality of fodder molasses produced in 1955-56 (from "Zucker," no.7 1956).[Reviewed by D.G.Bronshtein and A.I. Shapiro]. Sakh. prom.30 no.9:74-75 S '56. (MLRA 10:3)
(Molasses)

BRONSHTEYN, D.G.; SHAPIRO, A.I.

Production in 1955-1956 (from "Zucker," no.7, 1956). Sakh.prom.30 no.11:65-68 N '56. (MLRA 10:2)
(Germany, West--Sugar industry)

BRONSHTEYN, D.G.; SHAPIRO, A.I.

Factors augmenting the loss of raw sugar during storage (from "Zucker," no.13, 1956). Sakh.prom.30 no.11:69 N '56. (MLRA 10:2)
(Sugar--Storage)

BRONSHTEYN, D.G.; SHAPIRO, A.I.

Activity of micro-organisms in diffusion juice (from "Zeitschrift für die Zuckerindustrie," no.6, 1956). Sakh.prom.30 no.11:73-78 N '56. (MLRA 10:2)

(Sugar industry)

SHAPIRO, A.I.

Make fuller use of technical literature. Sakh.prom. 31 no.7:77-79 Jl '57. (MLRA 10:8)

(Bibliography--Sugar industry)

SHAPIRO, A.I.

All-Union conference on sugar-beet storage. Sakh. prom. 31 no.4:78 Ap '57. (MLRA 10:6)

(Sugar beets--Strorage)

BRONSHTEYN, D.G.; SHAPIRO, A.I.

Continuous diffusion apparatus in the Tirlemont Sugar Refinery (from "Zucker," no.23 1956). Sakh. prom. 31 no.5:68-72 My '57. (Belgium--Diffusers) (MLRA 10:6)

BRONSHTEYN, D.G.; SHAPIRO, A.I.

Controlling feed water by measuring electric conductivity (from "Zucker", no.23 1956). Sakh. prom. 31 no.6:68-70 Je '57. (MIRA 10:6)
(Electric conductivity) (Feed water)

SHAPIRO, A.I.

Viscosity of raffinade sirup. Sakh. prom. 31 no.6:74 Je '57.
(Sugar) (MLRA 10:6)

BRONSHTEYN, D.G.; SHAPIRO, A.I.

Ventilation of beet piles (from "Zeitschrift für die Zuckerindustrie," no.1 1957). Reviewed by D.G. Bronshtein and A.I. Shapiro. Sakh. prom. 31 no.10:65-69 O '57. (MIRA 11:1)

(Sugar beets--Storage)

SHAPIRO, A.I.; DONCHAK, A.S.

Construction of sugar factories and organization of beet sowing in Chelyabinsk Province. Sakh. prom. 32 no.1:66-67 Ja '58. (MIRA 11:2)

1. Glavkomplektoborudovaniye.
(Chelyabinsk Province--Sugar beets)
(Chelyabinsk Province--Sugar industry)

BRONSHTEYN, D.G.; SHAPIRO, A.I.

Limekilns operating on liquid fuel (from "Zucker," no.1 1957).
Sakh. prom. 32 no.2:73-78 F '58. (MIRA 11:3)
(Limekilns)

SHAPIRO, A. I.

Coefficient of molasses formation. Sakh. prom. 32 no.3:76-77 Mr '58. (MIRA 11:4)

(Molasses)

SHAPIRO, A.I.

Sugar Section of the Scientific and Technical Society. Sakh. prom. 32 no.4:74 Ap '58. (MIRA 11:6)
(Sugar industry)

BRONSHTEYN, D.G.; SHAPIRO, A.I.

Production practices of West German sugar plants(from "Zucker," no. 16, 1957). Sakh. prom. 32 no. 6:65-69 Je '58. (MIRA 11:7)
(Germany, West--Sugar industry)

BRONSHTEYN, D.G.; SHAPIRO, A.I.

Sugar beet sowing in Turkey(from "Zucker," no. 1, 1958). Sakh. prom. 32 no. 6:72-73 Je '58. (MIRA 11:7)
(Turkey--Sugar beets)

BRONSHTEYN, D.G.; SHAPIRO, A.I.

Mechanization of beet harvesting (from "Zucker", no.24 1957).
Sakh. prom. 32 no.8:71-74 Ag '58. (MIRA 11:9)
(Sugar beets--Harvesting)

BRONSHTEYN, D.G.; SHAPIRO, A.I.

Mechanization of beet harvesting (from "Zuker" no.7, 1958)
Sakh.prom. 32 no.9:69-71 S '58. (MIRA 11:11)
(Sugar beets--Harvesting)

BRONSHTEYN, D.G.; SHAPIRO, A.I.

Results of operation of the "Buchau-Wolf" diffusion apparatus (from "Zucker, No.7, 1958). Sakh. prom. 32 no.11:65-67 N '58.
(MIRA 11:12)

(Germany, West--Sugar machinery)

SHAPIRO, A.I.

Practices in the intensification of processes of beet-sugar manufacture. Sakh. prom. 32 no.12:7-10 D '58. (MIRA 11:12)
(Sugar manufacture)

SHAPIRO, A.I.

Remodeling old factories and equipment. Sakh. prom. 33 no.1:16-17 Ja '59. (MIRA 12:1)
(Sugar industry--Equipment and supplies)

SHAPIRO, A.I.

Contest of the Scientific and Technical Society. Sakh.prom. 33 no.3:27-34 Mr '59. (MIRA 12:4)
(Sugar industry--Equipment and supplies)

SHAPIRO, A.I.

Transactions of the Central Asian Polytechnical Institute.
Sakh.prom. 33 no.10:77-79 O '59. (MIRA 13:3)
(Sugar manufacture)

BUDNYY, A.V.; SHAPIRO, A.I.

New standard design of a sugar factory. Sakh.prom. 34 no.1: 49-51 Ja '60. (MIRA 13:5)
(Sugar industry)

BRONSHTEYN, D.G.; SHAPIRO, A.I.

Effect of juice softening on the corrosion of evaporator tubes (from "Zucker," no.19, 1959). Sakh.prom. 34 no.3:65 Mr '60. (MIRA 13:6)
(Germany, West--Sugar manufacture)

SHAPIRO, A.I.

In the sugar industry section of the Central Administration of the Scientific and Technical Society. Sakh.prom. 36 no.9:74 S '62. (MIRA 16:11)

VOSTOKOV, A.I.; DEICHINSKIY, F.A.; YEPISHIN, A.S.; KATS, V.M.; KLEYMAN, B.M.; LEPESHKIN, I.P.; LIBKIND, L.I.[deceased]; MEL'NIK, M.K.; POPOV, N.G.; STUDENETSKIY, V.A.; FRIDMAN, S.Ye.; SHAPIRO, A.I.; SILIN, P.M., prof., retsenzent; VINOGRADOV, N.V., prof., retsenzent; PRITYKINA, L.A., red.

[Manual for a sugar worker] Spravochnik sakharnika. Moskva, Pishchepromizdat. Pt.1. 1963. 699 p. (MIRA 17:5)

SHAPIRO, A.I.

Seminar of the sugar industry sections of the Scientific and Technical Society in Voronezh. Sakh.prom. 37 no.2:75(155)-76(156) F '63. (MIRA 16:5)
(Voronezh--Sugar research)

SHANINA, T.M.; GEL'MAN, N.E.; KIPARENKO, L.M.

Quantitative analysis of organometallic compounds. Spectrophotometric microdetermination of silicon. Zhur. anal. khim. 20 no.1:118-125 '65. (MIRA 18:3)

1. Institut elementoorganicheskikh soyedineniy AN SSSR, Moskva.

SHUMAYEV, V.D., nauchnyy sotrudnik; NEVSKAYA, A.I., nauchnyy sotrudnik; SHANINA, T.N., nauchnyy sotrudnik; DMITRIYEVA, V.P., nauchnyy sotrudnik; VOLKOV, D.G., nauchnyy sotrudnik; CHIGRINA, T.A., khimik

Waste waters from the Leninogorsk Polymetallic Combine and their effect on the open water reservoirs of the city. Gig. i san. 28 no.7:69-73 Jl '63. (MIRA 17:1)

1. Iz otdela gigiyeny Kazakhskogo instituta epidemiologii, mikrobiologii i gigiyeny i Respublikanskoy sanitarno-epidemiologicheskoy stantsii.

SHANINA, V.A. (Moskva)

Peculiarities of the so-called primary globular lung cancer; clinical roentgenologic parallels. Klin.med. 35 no.6:83-89 Je '57. (MIRA 10:8)

1. Iz onkologicheskoy kliniki (zav. - zasluzhennyy deyatel' nauki, laureat Stalinskoy premii prof. Ya.G.Dillon [deceased]) Moskovskogo oblastnogo nauchno-issledovatel'skogo klinicheskogo instituta imeni M.F.Vladimirskogo (dir. P.M.Leonenko) i rentgenologicheskogo otdeleniya 4-y gorodskoy klinicheskoy bol'nitsy (zav. - otdeleniyem - doktor meditsinskikh nauk M.F.Vyrzhikovskaya, glavnyy vrach bol'nitsy - zasluzhennyy vrach RSFSR M.V.Ivanyukov)

(LUNG NEOPLASMS, diag.
x-ray & clin. aspects)

SHANINA, V.A., Cand Med Sci--(diss) "Characteristics of the so-called primary spheroidal cancer of the lungs. (Clinico-roentgenological-anatomical [illegible]).[illegible] Mos, 1948. 12 pp (Second Mos State Med Inst im N.I. Pirogov), 200 copies (KL,26-58,119)

LEPSKAYA, Ye.S.; SHANINA, V.A. (Moskva)

X-ray diagnosis of thrombosis of the pulmonary artery. Klin.med. 37 no.11:96-99 N '59. (MIRA 13:3)

1. Iz rentgenologicheskogo otdeleniya (zaveduyushchiy - doktor med. nauk M.F. Vyrzhikovskaya) 4-y Klinicheskoy bol'nitsy (glavnyy vrach - zasluzhennyy vrach RSFSR M.V. Ivanyukov).
(PULMONARY ARTERY diseases)
(THROMBOSIS radiography)

SHANINA, V.A.

Significance of pain in the extremities in cancer of the lungs.
Khim. med. 38 no.5:80-83 My '60. (MIRA 13:12)
(LUNGS (CANCER)) (EXTREMITIES (ANATOMY))
(PAIN)

SHANINA, V.A.

Primary sarcoma of the heart. Grud.khir. no.3:91-92 '61.
(MIRA 14:9)

1. Iz rentgenologicheskogo otdeleniya (zav. A.M. Malorossiyanova) i terapevticheskogo otdeleniya (zav. N.V. Solomatina) 4-y Moskovskoy gorodskoy klinicheskoy bol'nitsy (glavnyy vrach M.V. Ivanyukov). Nauchnyy rukovoditel' - zasluzhennyy deyatel' nauki prof. S.A. Reynberg.

(HEART--TUMORS)

SIDOROVICH, S.Kh., kand.med.nauk; SHANINA, V.A., kand.med.nauk (Moskva)

Analysis of roentgenological symptoms in myocardial infarct. (MIRA 14:8)
Klin.med. no.7 86-90 '61.

1. Iz kafedry diagnostiki i chastnoy patologii i terapii vnutrennikh bolezney (zav. - prof. A.M. Damir) pediatricheskogo fakul'teta II Moskovskogo meditsinskogo instituta na baze 4-y Gorodskoy klinicheskoy bol'nitsy (glavnyy vrach G.F. Papko).
(HEART--INFARCTION) (HEART--RADIOGRAPHY)

KOLOBUTINA, O.M.; SHANINA, V.A.

Roentgen diagnosis of cardiac aneurysms. Grud. khir. 3 no.2:37-43 '61. (MIRA 14:4)

(HEART--DISEASES) (ANEURYSM)

SHANINA, V.A. (Moskva, Sokol'niki, Oleniy Val, d.10, kv.3)

Clinical aspects of so-called primary spheroidal cancer of the lungs. Grud.khir. 3 no.6:69-72 N-D '61. (MIRA 15:3)

1. Iz onkologicheskoy kliniki (zav. - zasluzhennyy deyatel' nauki laureat Stalinskoy premii prof. Ya.G. Dillon) Moskovskogo oblastnogo nauchno-issledovatel'skogo klinicheskogo instituta imeni M.F. Vladimirskogo (dir. P.M. Leonenko) i rentgenologicheskogo otdeleniya gorodskoy klinicheskoy bol'nitsy No.4 (zav. - doktor med.nauk M.F. Vyrzhikovskaya, glavnyy vrach G.T. TSyplakov; nauchnyy rukovoditel' - prof. S.A. Reynberg.
(LUNGS--CANCER)

SHANINA, V.A.

Clinical problems in the X-ray diagnosis of so-called primary spherical cancer of the lung. Terap.arkh. 33 no.4:45-48 '61. (MIRA 14:5)

1. Iz onkologicheskoy kliniki Moskovskogo oblastnogo nauchno-issledovatel'skogo klinicheskogo instituta imeni M.F. Vladimirskogo i rentgenologicheskogo otdeleniya (zav. - doktor med.nauk M.F. Vyrzhikovskaya) 4-y Gorodskoy klinicheskoy bol'nitsy (nauchnyy rukovoditel - prof. S.A. Reynberg).

(LUNGS—CANCER)

SHAPIRO, A.I.

"Manufacture of pressed refined cube sugar"; concerning I.F. Zelikman and F.A. Demchinskii's book. Sakh. prom. 37 no.4: 76-77 Ap '63. (MIRA 16:7)

(Sugar manufacture) (Zelikman, I.F.)
(Demchinskii, F.A.)

SHAPIRO, A.L.

83296

S/138/59/000/010/[illegible]
A051/A029

15 9130

AUTHORS: Orinberg, A.Ye.; Tsvetkov, A.I.; Makeyeva, A.R.; Prazhnikova, A.S.; Levitin, I.A.; Shapiro, A.L.; Mamayeva, I.A.

TITLE: The Synthesis and the Investigation of Rubber Mastication Accelerators

PERIODICAL: Kauchuk i Rezina, 1959, No. 10, pp. 35 - 39

TEXT: Numerous articles have been published on the subject of accelerating the mastication process both of natural and synthetic rubbers by using various organic compounds, such as mercaptanes, amines, nitro-compounds, nitroso-compounds, guanidines, etc. The present article deals with the different methods of obtaining them and the results of a comparative study of the action of dibenzoyldisulfide and zinc thiobenzoate, which were the first substances to be recommended by the authors as accelerators (Ref. 4) in the mastication process in natural and synthetic [CKC-30 (SKS-30), CKH-26 (SKN-26)] rubbers. The effect of these two accelerators on the properties of the mixtures and vulcanizates were compared to Renacite IV and Peptone 22, two mastication accelerators used extensively in other countries. Dibenzoyldisulfide and thiobenzoate are nontoxic and are more easily

Card 1/2

and simply to obtain than Renacite IV and Peptone 22. Dibenzoyldisulfide [illegible] higher activity. Other chemical properties of the latter compound are listed (Ref. 6). The synthesis of dibenzoyldisulfide for this study is outlined and the obtained product described in detail. Thiobenzoate was obtained from [illegible] benzoate and zinc sulfate by means of a mutual exchange of the salts in an aqueous solution (Formula 1). The laboratory procedure is explained (Formulae 2, 3 and 4), and the experimental results discussed. It was seen that dibenzoyldisulfide as a mastication accelerator of natural rubber, on the rollers and in the rubber mixer, surpasses Renacite IV, Peptone 22 and zinc thiobenzoate. It also accelerates the thermoplastication of SKS-30 and SKN-26. Zinc thiobenzoate as an accelerator of mastication of natural rubber is equivalent to Renacite IV and Peptone 22. Dibenzoyldisulfide and zinc thiobenzoate just as Renacite IV and Peptone 22 have no effect on the properties of raw mixtures and on the physico-mechanical properties of the vulcanizates. Mass production of dibenzoyldisulfide and zinc thiobenzoate should be started, since they are simple to manufacture and have a high activity as accelerators of rubber mastication. There are 3 graphs, 4 tables and 6 references: 4 Soviet and 2 German.

ASSOCIATION: Nauchno-issledovatel'skiy institut rezinovykh i lateksnykh izdeliy (Scientific Research Institute of Rubber and Latex Products)

Card 2/2

Shapiro, A.L

S/138/59/000/07/08/009

82266

15.9130

AUTHORS: Fel'dshteyn, M.S., Eytingon, I. I., Levitin, I. A., Shapiro, A. L., Sokolova, L. M.

TITLE: On the Application of Diethylaminomethyl-2-Thiobenzothiazole (BIMA) as an Accelerator of Tire Rubber Vulcanization

PERIODICAL: Kauchuk i Rezina, 1959, No. 7, pp. 40-47

TEXT: The authors refer to aminomethyl derivatives of 2-mercaptobenzothiazole as being effective vulcanization accelerators of mixtures of natural and synthetic butadiene-styrene rubber. This subject was given detailed consideration in Ref. 1-3. It is stressed by the authors of this article that diethylaminomethyl-2-thiobenzothiazole, a respresentative of the group under discussion, being close in its properties to the accelerator, used at present in industry, sulfenamide BT, differs from it, however, by ensuring a higher rate of vulcanization of the rubber mixtures at the initial stage. Besides, the sulfenamide BT accelerator is difficult to store. The authors also point out that the BIMA accelerator does not have many of the shortcomings which the latter accelerator does. They list the physical and chemical properties of BIMA and specify how it can be obtained in the laboratory. In order to utilize BIMA in industry, for tire manufacturing,

Card 1/2

S/138/59/000/07/08/009

On the Application of Diethylaminomethyl-2-Thiobenzothiazole (BTMA) as an Accelerator of Tire Rubber Vulcanization 82266

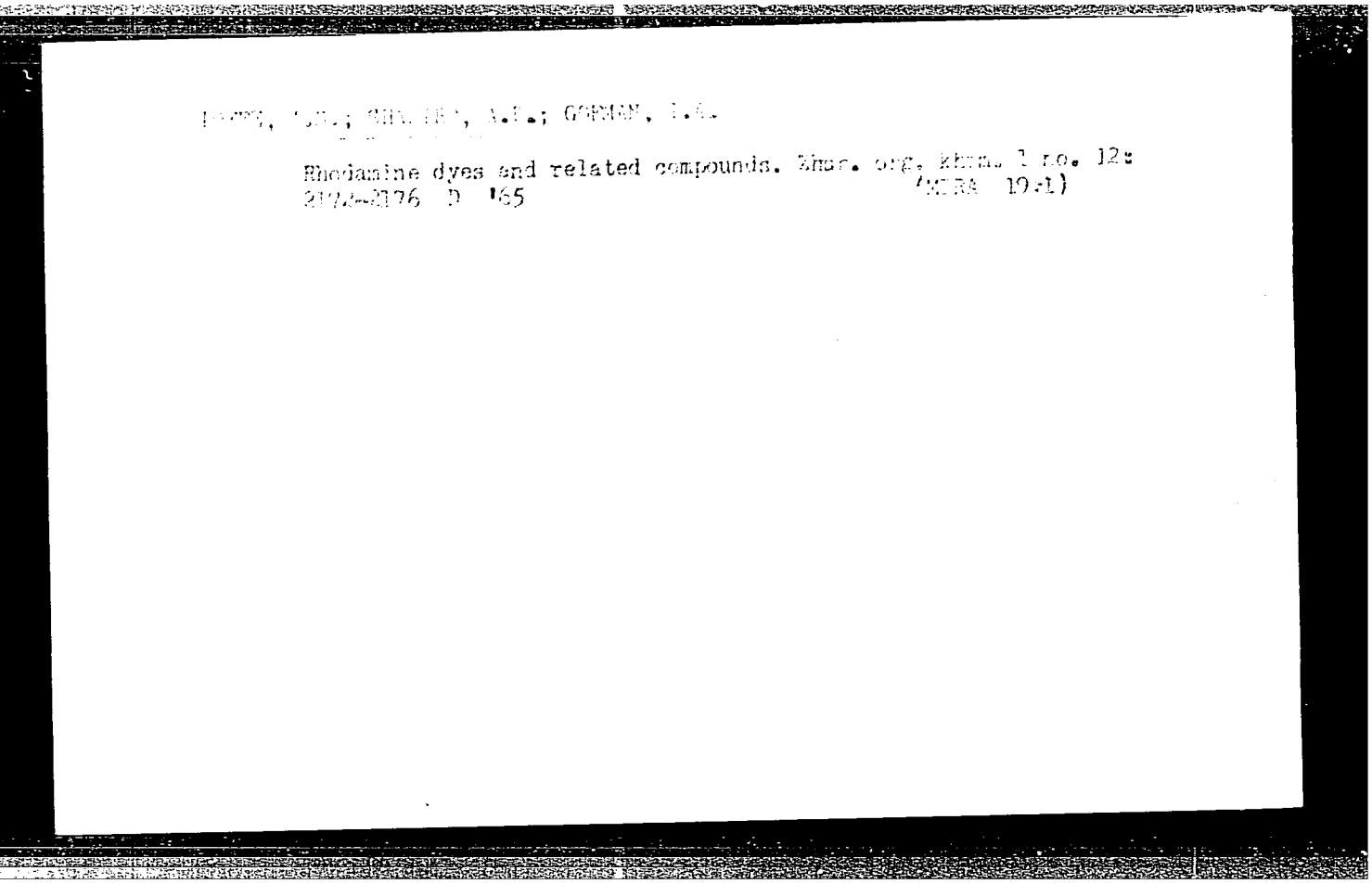
wide-scale tests were conducted in the plants. It was shown that the introduction of BTMA accelerator into the protective mixtures of butadiene-styrene rubber (SKS-30 AM), instead of sulfenamide BT, and also into the mixture of butadiene-styrene and natural rubber (at the ratio 70:30), containing various types of carbon black, has very little effect on the plastic-elastic properties of these mixtures and leads to the production of vulcanizates equal to those with sulfenamide BT in their physico-mechanical properties. An experimental batch of tires was produced using the BTMA accelerator in the protective mixture. The technical properties of this protective rubber, according to static and dynamic test data, and according to the durability of the tire casings under stand rolling tests, are actually equal to those of the serial rubber, containing the BT accelerator. As a result of the obtained information, the authors recommend that wide-scale tests be carried out on the BTMA accelerator in protective rubbers instead of on the rubber with the BT accelerator, in several tire-manufacturing plants. There are 9 sets of graphs, 4 tables, 4 Soviet references.

ASSOCIATION: Moskovskiy shinnyy zavod i Nauchno-issledovatel'skiy institut shinnoy promyshlennosti (The Moscow Tire-Manufacturing Plant and the Scientific Research Institute of the Tire Industry)

Card 2/2

SHAPIRO, Aleksandr L'vovich, doktor ist.nauk; MILYUTIN, V.I., red.; RYBKINA, V.P., tekhn.red.

Admiral D.N.Seniavin. Moskva, Voen.izd-vo M-va obor. SSSR, 1958. 370 p. (MIRA 11:7)
(Seniavin, Dmitrii Nikolaevich, 1763-1831)



[illegible], [illegible]; [illegible], A.I.; GORDON, I.G.

Rhodamine dyes and related compounds. Zhur. org. khim. 1 no. 12: 2172-2176 D '65 (MIRA 19:1)

LEVIN, S. Z.; SHAPIRO, A. L.; LYUBOVSKIY, I. S.

Synthesis of alkylene carbonates. Neftekhimia 2 no.4:573-576 Jl-Ag '62. (MIRA 15:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut neftekhimicheskikh protsessov.

(Carbonic acid) (Esters)

SKOROKHODOV, S.S.; LEVIN, S.Z.; SHAPIRO, A.L.

Vinylene carbonate and its polymers. Khim. volok. no.4:1-5 '63. (MIRA 16:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut neftekhimicheskikh protsessov.

L 65125-65 EWT(m)/EPF(c)/EWP(j) RM

ACCESSION NR: AP5021593 UR/0286/65/000/013/0068/0068

AUTHORS: Grinberg, A. A.; Bebikh, G. F.; Makarova, I. M.; Shapiro, A. L.; Satsuk, I. S.

TITLE: A method for protecting rubbers. Class 39, No. 172482

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 13, 1965, 68

TOPIC TAGS: rubber, rubber chemical, organic chemistry, oxidation, fatigue, cracking

ABSTRACT: This Author Certificate presents a method for protecting rubbers made of natural and synthetic materials against nitrogen cracking, thermal oxidation, and fatigue by introducing paraphenylenediamine derivatives into the rubber mixture. To increase the assortment of stabilizers, 4-methoxy-4'-isopropylaminodiphenylaminesare used as the paraphenylenediamine derivative.

ASSOCIATION: Nauchno-issledovatel'skiy institut rezinovykh i lateksnykh izdeliy (Scientific-Research Institute of Rubber and Latex Products)

SUBMITTED: 30Oct64 ENCL: 00 SUB CODE: OC, MT

NO REF SOV: 000 OTHER: 000

Card 1/1

LEV[illegible], [illegible]; [illegible], [illegible].

Synthesis and use of [illegible]ylene carbonate. Khim.prom. 41 no.4:24-26 Ap '65. (MIRA 18:8)

L 7877-66 EWT(m)/EPF(c)/EWP(j)/T RM

ACC NR: AP5025032 SOURCE CODE: UR/0286/65/000/016/0083/0083

AUTHORS: Nemirovskiy, V. D.; Skorokhodov, S. S.; Shapiro, A. L.; Levin, S. Z.

ORG: none

TITLE: Method for obtaining poly-β-oxy-vinyl-N-alkylcarbamates. Class 39, No. 173944 announced by Institute for High Molecular Compounds, AN SSSR (Institut vysokomolekulyarnykh soyedineniy AN SSSR)

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 16, 1965, 83

TOPIC TAGS: polymer, polymerization, alkylcarbamate, polyvinylcarbonate

ABSTRACT: This Author Certificate presents a method for obtaining poly-β-oxy-vinyl-N-alkylcarbamates by the interaction of polyvinylcarbonate with amines. To simplify the process and to synthesize polymers having valuable properties, the reaction is carried out in a homogeneous medium with dimethylformamide as solvent.

SUB CODE: 07 SUBM DATE: 16Oct63

nw

Card 1/1 UDC: 678.744.42

IOFFE, I.S.; SHAPIRO, A.L.

o-(3,6 dichloro-9-acridyl)benzoic acid. Zhur. org. khim. 1 no.8:1515-1516 Ag '65. (MIRA 18:11)

~~SHAPIRO, A.M.~~ SHAPIRO, A.M.

CARD 1 / 2 PA - 1799

SUBJECT USSR / PHYSICS
AUTHOR ŠAPIRO, A.M.
TITLE Table of the Properties of Elementary Particles.
PERIODICAL Usp.fis.nauk, 60, fasc.4, 573-589 (1956)
Issued: 1 / 1957

This table was compiled with the greatest possible accuracy as well as with the greatest possible completeness, but it was nevertheless not possible to analyze every experiment quite exactly in the course of compilation. The table is intended to be used in laboratories as well as for the purposes of instruction, and it consideres data published in leading journals up to 1956.
Particles, the existence of which is reliably confirmed: The 18 elementary particles mentioned here (on this occasion the positive and negative charges are counted separately) are subdivided into 5 groups. The first group contains particles the rest mass of which is smaller than or equal to that of the electron. L-mesons: $m_e < m_{L\text{-meson}^-} \leqslant m_{\pi^-}$, K-mesons: $m_{\pi^-} < m_{K\text{-meson}} < m_{proton}$, nucleons: proton and neutron, hyperons: $m_{neutron} < m_{hyperon}$, $m_{deuteron}$, is the definition of the other groups. The sixth group which consists of the "non-elementary" particles deuteron, triton, and He^3 has been mentioned in order to show the binding energies at magnetic moments of the smaller formations consisting of nucleons. The single columns contain: the usual denomination of particles and their charge, the masses (also according to the computations of A.H.WAPSTRA, Physica 21, 367 (1955)), the rest energy, the decay schemes known

Shapiro, A. M.

82205

S/118/60/000/05/07/027

16,6800

AUTHOR: Shapiro, A.M., Engineer.

TITLE: A Computer for Automating the Calculation of Cupola Furnace Charges

PERIODICAL: Mekhanizatsiya i avtomatizatsiya proizvodstva, 1960, No. 5, pp. 18 – 21

TEXT: The author introduces here a computer for calculating the composition of cupola furnace charges, developed in 1957-1958 by the Tbilisskiy nauchno-issledovatel'skiy institut priborov i sredstv avtomatiki (Tbilisi Scientific-Research Institute for Instruments and Means of Automation) (TNIIPSA). The calculation it performs has the purpose of determining such proportion of components in a charge as would produce a cast iron of desired chemical composition. The cupola furnace charges may include up to 9-10 different materials. After a successful laboratory testing of this computer, several experimental models were given to various industrial installations in 1959. Front view of this computer is shown in Figure 1, its digital converter is shown in Figure 3, the digital recording counter is shown in Figure 4, and the block diagram is presented in Figure 2. A testing of the digital converter together with the recording counter showed their capability of processing up to 10 steps per second.

Card 1/3

S/118/60/000/08/07/027
82205

A Computer for Automating the Calculation of Cupola Furnace Charges

Mathematically, the problem being solved by this computer is the solution of a system of 10 linear algebraic equations of a type:

$$\sum_{k=1}^{10} a_{ik}x_k = 100\ a_i,\ i = 1...10 \qquad (1)$$

where a_{ik} is the percentage of chemical elements in the components of a charge; b_i is the percentage of same elements in the whole charge; and x_k is the amount of the given material needed per 100 kg of the charge for the production of cast iron of a desired chemical composition. Values of a_{ik} are obtained from data produced by chemical analyses of the charge; value of the a_i coefficient must be calculated by the formula

$$a_i = b_i \frac{100}{100 \pm y_i}\ \% \qquad (2)$$

where b_i is the percentage of a given element contained in the given cast iron, and y_i is an experimentally determined decrease or increase of the given element in the process of smelting. The above system of equations is solved by this computer using a transformer circuit suggested by P. Mellock. The resolver contains 10 main coefficient transformers and one weak-term transformer. The

Card 2/3

82205

S/118/60/000/05/07/027

A Computer for Automating the Calculation of Cupola Furnace Charges

transformers have been calculated by a special method based on the assumption that steel and copper elements have no fringing fluxes and no losses, which is explained. Structural features of the computer's component parts and the mode of their functioning is described. There are 3 photos and 1 diagram. X

Card 3/3

MARIYENBAKH, L.M.; SHAPIRO, A.M.

Calculating machine for the estimate of thermal conditions in cupola furnaces. Lit. proizv. no.9:25-28 S '60. (MIRA 13:9)

(Cupola furnaces) (Calculating machines)

S/194/62/000/006/016/232
D413/D308

AUTHORS: Shapiro, A.M., Mtvarelidze, I.D., Kachibaya, G.A., and Gokiyeli, D.G.

TITLE: Computers for automatic control of mixture composition and heat regime of a cupola furnace

PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika, no. 6, 1962, abstract 6-1-124 u (V sb. Primeneniye vychisl. tekhn. dlya avtomatiz. proiz-va, M., Mashgiz, 1961, 266-278)

TEXT: Two specialized continuously-operating computers are described. The first composes under industrial conditions mixtures containing up to 10 different components. The corresponding mathematical problem reduces to the solution of 10 linear algebraic equations, whose coefficients are determined from the results of chemical analyses, the type of cast-iron, and the characteristics of the furnace. A transformer circuit is used for solving the system of equations. Automatic computation of waste is carried out by means of an electronic bridge circuit. The final results are printed on

Card 1/2

Computers for automatic control of ...

paper tape in numerical form. The second computer is designed to evaluate the parameters that stabilize the thermal operating conditions of the furnace. It computes the coke consumption for given liquid cast-iron temperatures and gas consumptions, and also the air consumption for a given gas composition. The computer simulates the operations of division and evaluation of the non-linear function to which the solution of the problem reduces. It is observed that as a result of experimental model tests in 1958 it has been possible to proceed to prolonged tests under industrial conditions. 11 figures, 6 references. [Abstracter's note: Complete translation.]

SHAPIRO, A.M.

Developing a design for glued staves with maximum use of nonstandard woods and a new technology for the manufacture of barrels from them. Trudy NILtary no.2:24-42 '58. (MIRA 13:12)
(Coopers and copperage)

ARKHANGEL'SKIY, Nikolay Petrovich, prepodavatel'[deceased]; MADORSKIY. Semen L'vovich, inzh.; SHAPIRO, Aleksandr Moiseyevich, inzh.; ZHDANOV,V.S. retsenzent; VYGOVSKIY, V.I., inzh., red.; KAN, P.M., red. izd-va; BODROVA, V.A., tekhn. red.

[Electric engineering and the electric equipment of locks] Elektrotekhnika i elektrooborudovanie shliuzov. Moskva, Izd-vo "Rechnoi transport," 1961. 251 p. (MIRA 15:1)
(Locks (Hydraulic engineering)--Electric equipment)

VOL'PER, I.N.; SHAPIRO, A.M.

Treatment of diabetics with sorbitol concentrates. Kons. i ov. prom. 16 no.6:24-25 Je '61. (MIRA 14:8)

1. Leningradskiy tekhnologicheskiy institut pishchevoy promyshlennosti (for Vol'per). 2. Leningradskiy kombinat pishchevykh kontsentratov (for Shapiro).
(Diabetes) (Sorbitol)

SHAPIRO, A.M., zasluzhennyy vrach Latviyskoy SSR.

Clinical diagnosis of sporadic cases of Bornholm disease (epidemic myalgia, epidemic pleurodynia). Sov.med. 25 no.1:72-74 Ja '61. (MIRA 14:3)

1. Iz terapevticheskogo otdeleniya Daugavpilsskoy gorodskoy bol'nitsy (glavnyy vrach L.I.Paklone) Latviyskoy SSR.
(PLEURODYNIA, EPIDEMIC)

SHAPIRO, A.M.

Gastric hemorrhage as a complication of treatment with pyrazolidine. Sov.med. 25 no.5:147-148 My '62. (MIRA 15:8)

1. Iz terapevticheskogo otdeleniya Daugavpilskoy gorodskoy bol'nitsy Latviyskoy SSR.
(RHEUMATIC FEVER) (PYRAZOLIDINE) (GASTROINTESTINAL HEMORRHAGE)

SHAPIRO, A.M., inzh.

New level indicators for bulk materials. Stroi.mat. 5 no.8: 10-12 Ag '59. (MIRA 12:12)
(Level indicators)

SHAPIRO, A.M., inzh.

Devices for detecting metal fragments in the flow of processed raw materials. Stroi.mat. 5 no.12:37-38 D '59.
(MIRA 13:3)
(Building materials) (Electronic instruments)