LIPKIN, Z.G., gornyy inzhener.

Effectiveness of wetting agents in wet borings. Bor'ba s sil. 2: 79-91 '55. (MLRA 9:5)

1. Kiselovskiy filial Vsesoyuznogo ugol'nogo instituta.
(BORING) (DUST--PREVENTION)

LIPKIN, Z.G.

Experience in preventing silicosis in mines of the Kizel Coal Basin. Bezop.truda v prom. 1 no.5:31-34 '57. (MIRA 10:7)

1. Nachal'nik laboratorii po bor'be s silikozom Kizelovskogo filiala Vsesoyuznogo nauchno-issledovatel'skogo ugol'nogo instituta.
(KISEL BASIN--LUNGS--DUST DISEASES)

LIPKIN, Z.G., gornyy inzhener

Improvement in the coupling for lateral flushing. Bor'ba s sil. 3:23-28 '59. (MIRA 12:9)
(ROCK DRILLS)

LIPKIN, Z.G., gornyy inzh.; P'YANKOV, V.A., inzh.; LIPKIN, Z.G., gornyy inzh.; GOL'TSMAN, A.I., gornyy inzh.; PRIKHOD'KO, V.Ye., gornyy inzh.

New machinery developed by the Perm State Institute for the Design and Construction of Mining Machinery. Ugol' 36 no.7: 56-57 Jl '61. (MIRA 15:2)
(Perm--Coal mining machinery--Design and construction)

KALOSHKOVA, N.I. (Moskva); LIPKINA, A.I. (Moskva)

Symposium on the problem of the optimization of teaching.
Vop. psikhol. 11 no.2:181-184 Mr-Ap '65. (MIRA 18:6)

MORGUN, G.O.; LIPKINA, A.V.

Reduction of 5-nitroacenaphthene to 5-aminoacenaphthene in an water-alcohol medium by hydrochloric acide and zinc. Nauk.zap. L'viv.un. 21:128-129 '52. (MLRA 10:7)
(Acenaphthene) (Hydrochloric acid) (Zinc)

LIPKINA, B. G., SLONIMSKIY, G. L., RESOVA, E. V., and LUIS-RIERA, M. S.

"Mechanico-chemical processes in rubber deformation and recovery," a paper presented at the 9th Congress on the Chemistry and Phyiscs of High Polymers, 28 Jan-2 Feb 57, Moscow, Rubber Research Inst.

B-3,084,395

5(4), 15(8)

AUTHORS: Reztsova, Ye. V., Lipkina, B. G., Slonimskiy, G. L.

SOV/76-33-3-23/41

TITLE: On Mechano-chemical Phenomena in Polymers (O mekhano-khimicheskikh yavleniyakh v polimerakh). II. The Effect of Initiators and Inhibitors of Radical Chain Processes (II. Vliyaniye initsiatorov i ingibitorov tsepnykh radikal'nykh protsessov)

PERIODICAL: Zhurnal fizicheskoy khimii, 1959, Vol 33, Nr 3, pp 656 - 661 (USSR)

ABSTRACT: Mention is made of results obtained by investigating the variation of plasto-elastic properties in rubber rolling to which various initiators and inhibitors were added. Further, the variations of the durability of rubber due to repeated deformations are mentioned. The authors primarily made experiments with technical butadiene-styrene synthetic rubber (SKS-30A) as well as parallel experiments with natural rubber (NK). According to the recommendations of B. A. Dolgoplosk, Corresponding Member, AS USSR, the following substances were added: Benzoyl peroxide (I), dioxy-diphenyl disulphide (II),

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dinitrile of azoisobutyric acid (III), di-tert-butyl hydroquinone (IV), tri-tert-butyl phenol (V), polyethylene polyamine (VI), Diproxid (VII), Santovar O (VIII), chloro paraffin (IX), benzoquinone (X), hydroquinone (XI), quinhydrone (XII), acetonanyl (XIII), ββ'-dinaphthyl disulphide (XIV). The substances were rolled in cold state by means of rollers (405 x 146 mm) with a friction of 1:1.22 for one hour at a temperature of 20-30° of the rubber mixture as well as at higher temperatures (for the purpose of vulcanizing the mixtures which were subjected to fatigue tests). The deformation was measured by means of a plastometer according to Gudrich (Ref 2), and the durability was tested by several sample elongations. The authors determined a particularly strong effect on the properties of SKS-30A due to additions of (I) (Fig 1), while NK exhibited the strongest sensitivity to (III) (Fig 2). It was remarkable in this connection that by the variation of the amount of additions opposite effects were obtained. A prolongation of the rolling time considerably increases the effect of additions (Fig 1). (IV) and the other

quinones exercised only an insignificant influence upon the the raw mixtures but strongly affected the properties of fatigue of the vulcanizates (Figs 3-6). Therefrom it results that a mechano-chemical mechanism of polymer processing as well as of the fatigue tests also indicate merely mechano-chemical processes, which consist in the mechanical destruction of chain molecules with the formation of free radicals producing secondary chemical processes. The initiators and inhibitors added considerably change the course of these mechano-chemical processes (Table) and are therefore capable of affecting both the properties of polymers and the durability of the finished products. There are 6 figures, 1 table and 2 Soviet references.

ASSOCIATION: Nauchno-issledovatel'skiy institut shinnoy promyshlennosti Moskva (Scientific Research Institute of the Tire Industry, Moscow)

SUBMITTED: August 8, 1957

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1.2300

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S/138/60/000/003/005/007
A051/A029

AUTHORS: Lipkina, B.G.; Timofeyeva, M.V.

TITLE: On Some Technology Features in the Application of Leuconate for Bonding Rubber to Metal

PERIODICAL: Kauchuk i Rezina, 1960, No. 3, pp. 29 - 37

TEXT: In recent years the new method of bonding rubber to metal using special cements has become widespread due to its simplicity, economy and because it helps to mechanize production of the article. Leuconate belongs to the group of polyisocyanate cements (a 20%-solution of triisocanate triphenylmethane in dichlorethane). The article discusses the main causes for a change in the adhesive properties of leuconate during its application and some aspects of the technological conditions are determined which would prevent defects in the bonding of specific articles. The testing method is outlined in detail. Decomposition in the rubber and in the bonding causes high tension values during tear (55 - 80 kg/cm²). In the case of destruction on the surface of the metal and in the cement, low values are reached (less than 40 kg/cm²). In mixed decomposition (in the rubber and the cement) the greater the area of decomposition in the cement, the more the

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On Some Technology Features in the Application of Leuconate for Bonding Rubber to Metal

strength index falls. The experiments show that the formation of bonds between the leuconate film and the rubber begins as soon as a contact of the film and rubber is achieved and reaches its highest activity at the moment of maximum softening of the film. At temperatures of 138 to 143°C the duration of the film heating is 5 to 7 min. Up until this moment the heating of the film without contact with the rubber or migration of the rubber onto the film has hardly any effect on the adhesion. However, preliminary heating of the film at a lower temperature and also when storing the article at room temperature causes chemical changes and structuralizing of the film, which is accompanied by a drop in its ability to adhere to the rubber during vulcanization. In the formation of articles by the compression method of damp semi-finished products in molds, the internal pressure is obtained only by the excess of the damp product's volume as compared to the volume of the mold. If the excess volume of the rubber is lower the mold is not securely closed during the compression process, then the internal pressure at the beginning of vulcanization can be inadequate for contact between the rubber and the film along the adhesion surface. The uniform application of

On Some Technology Features in the Application of Leuconate for Bonding Rubber to Metal

internal pressure is also significant which depends on the properties of the rubber, the rate of compression, the distribution of the adhesive surface in relation to the compression surface and on the ratio of the surface sizes. In the compression method in order to obtain standard quality of adhesion, the compression and vulcanization should take place in individual vulcanizers or autoclaves with short stops of the molds and preliminary compression of each part before placing it into the autoclave. The most suitable method for the production of rubber-metal products is the casting under pressure, i.e., filling the molds from within. It is important that during the formation process all operations connected with the preliminary heating of the film are excluded or shortened and the storing period of the articles between the moment of cement application and the vulcanization is as short as possible. A continuous line is recommended for placing the rubber onto the metal as soon as the cement is dry. If the technological conditions are adhered to strictly, high-quality products can be manufactured. There are 14 tables, 2 figures and 7 references: 1 Soviet, 2 German, 1 French and 3 English.

ASSOCIATION: Nauchno-issledovatel'skiy institut shinnoy promyshlennosti (Scientific Research Institute of the Tire Industry)

Card 3/3

BELYAYEV, I.T.; LIPKINA, B.O.

Rupture of a low cervical transverse cesarean scar. Akush. i gin. 33 no.2:57-59 Mr-Ap '57. (MLRA 10:6)

1. Iz kafedry akusherstva i ginekologii (zav. - prof. I.D.Arist) Chelyabinskogo meditsinskogo instituta na baze akusherskogo-ginekologicheskogo otdeleniya bol'nitsy mediko-sanitarnoy chasti Chelyabinskogo traktornogo zavoda.

(LABOR, compl.
rupt. of low cervical transverse cesarean scar)
(UTERUS, rupt.
in labor, in site of previous low cervical transverse cesarean scar)

LIPKINA, R.I.

Viability of dysentery germs in milk at different temperatures.
Vop. pit. 18 no.3:96 My-Je '59. (MIRA 12:7)

1. Iz sanitarno-bakteriologicheskoy laboratorii (zav. P.L. Boldyrev) L'vovskoy sanitarno-epidemiologicheskoy stantsii.
(SHIGELLA PARADYSENTERIAE) (MILK--BACTERIOLOGY)

LIPKINA, R. S.

Lipkina, R. S. - "Urine changes in children with tuberculosis of the bone," Trudy Ob"edin. nauch. soveta pri Upr. Yevpator. kurorta, Vol VII, 1948, p. 67-72

SO: U-4355, 14 August 53, (Letopis 'Zhurnal 'nykh Statey, No. 15, 1949.)

LIPKINA, R.S.

Disease of the kidneys and respiratory apparatus in osteoarticular tuberculosis. Sov.med. 22 no.3:112 Mr '58. (MIRA 11:5)

1. Iz fakul'tetskoy khirurgicheskoy kliniki (zav. - prof. P.P. TSarenko) Krymskogo meditsinskogo instituta i Yevpatoriyskogo detskogo sanatoriya Ministerstva oborony SSSR.
(TUBERCULOSIS, OSTEOARTICULAR, pathol.
kidneys & resp. tract (Rus))
(KIDNEYS, pathol.
in osteoarticular tuberc. (Rus))
(RESPIRATORY TRACT, pathol.
same)

FEDORENKO, N.P.; LIPKINA, S.G.

Economics of the production of sulfuric acid from sulfur-containing waste gases. Khim. prom. 41 no.8:597-599 Ag '65. (MIRA 18:9)

VANEYEV, I. I.; Prinimali uchastiye: GORLOVSKIY, S. I.; LIPKINA, S. I.; NIKIFOROVA, D. I.

Mechanism of the depressing action of carboxymethylcellulose on flotation-active silicates during the flotation of copper-nickel ores. Trudy Mekhanobr no. 131:75-88 '62. (MIRA 17:5)

LIPKINA, S.S.

"Examiner" for checking precision ampoules. Izm. tekh.no.1:75-76 Ja-F '57. (MLRA 10:4)

(Measuring instruments)

LIPKINA, S.S.

Devices for checking micrometers, lever indicators, and threaded wires. Izm. tekh. no.4:28-29 Jl-Ag '57. (MLRA 10:8)
(Measuring instruments)

AUTHOR: Lipkina, S.S. 115-5-8/44

TITLE: Indicator-Type Inside Gages Without Centering Bridges (Indikatornyye vnutromery bez tsentriruyushchikh mostikov)

PERIODICAL: "Izmeritel'naya Tekhnika", No 5, Sep-Oct 1957, p 19 (USSR)

ABSTRACT: Up to now the plant "Kalibr" produced two-contact indicator-type inside gages, for measuring diameters from 6 mm to 1,000 mm. They are provided with a centering bridge which automatically places the axis of measurement into the diametral area of the cylindrical hole that is being measured. The short article considers the inaccuracy caused by the aforementioned bridges in those cases where the length of the bridges' shoulders is unequal, and states that in measuring apertures of 6 mm to 18 mm the bridges have been found unnecessary, as the measuring bar provides for sufficiently accurate centering. The author states that elimination of the centering bridge results in higher accuracy of measurements and simplifies the production of instruments.

AVAILABLE: Library of Congress

Card 1/1

LIPKINA, S.S.

Devices for checking readings of instruments having scale divisions less than 1 micron. Izm.tekh. no.2:15 Mr-Ap '58. (MIRA 11:3)

(Measuring instruments)

KAMENTSEVA, Ye.I.; USTYUGOV, N.V.; LIPKINA, T.G., red.

[Russian metrology] Russkaia metrologiia. Moskva. Vysshaia shkola, 1965. 254 p. (MIRA 18:4)

TER-AVANESYAN, David Vartanovich; LIPKINA, T.G., red.; YEZHOVA, L.L., tekhn. red.

[Along the roads of India and Nepal] Po dorogam Indii i Nepala. Moskva, Vysshaia shkola, 1962. 156 p. (MIRA 16:5)
(India--Description and travel)
(Nepal--Description and travel)

VANEYEV, I.I.; GORLOVSKIY, S.I.; ZASPIKHIN, N.V.; LIPKINA, T.Ye.; Prinimali uchastiye: LAZAREVSKIY, A.F.; ZELENOVA, I.M.; VOLOSHINOVA, T.F.; TOMKOVID, Ye.I. [deceased]; PETROV, I.V.; MOSOLOV, M.V.; NIKIFOROVA, D.I.

Use of high molecular organic depressants in the flotation of copper-nickel ores. Obog. rud 6 no.2:3-9 '61. (MIRA 14:8)

(Flotation—Equipment and supplies) (Nonferrous metals)

TOKMAKOV, G.; LIPKINA, V.

Radio - Stations

Relay radiobroadcasting station with remote power supply. Radio No. 4, 1953.

Monthly List of Russian Accessions, Library of Congress, June 1953. Uncl.

TOKMAKOV, G.; LIPKINA, V.

Rectifier for feeding RDP-51 feed apparatus (diffusion exchange units). Radio no.6:16-17 Je '53. (MLRA 6:6)

(Radio--Rectifiers)

USSR/ Electronics - Radio amplifiers

Card 1/1 Pub. 89 - 10/28

Authors : Lipkina, V.

Title : The RDP-10 radio amplifier

Periodical : Radio 1, 17-19, Jan 1954

Abstract : A radio amplifier of the RDP-10 type with an output of about 8-10 watts is described, together with the manner in which it is connected to a transmitter. A block and a circuit diagram are included.

Institution: .....

Submitted: .....

LIPKINA, V.A

USSR/Electronics - Microphone Button

Card : 1/1

Authors : Lipkina, V. A., Senior Eng. of the Central Construction Bureau of the Ministry of Communications

Title : A tester of microphone buttons

Periodical : Vest Svyaz, 5, 32 - 3 p of folder, May 1954

Abstract : The article describes an electronic device, ITM-1, for testing and measuring microphone buttons. Diagrams, illustration.

Institution : ....

Submitted : ....

LIPKINA, V.

USSR/Electronics - Radio amplifiers

Card 1/1 Pub. 89 - 11/32

Authors : Lipkina, V.

Title : Typical APU-1 apparatus used in radiofication of cities

Periodical : Radio 2, 16 - 18, Feb 1955

Abstract : A description is presented of a standard APU-1 pre-amplifier, designed by the Central Design Bureau of the Ministry for Communications, for use in local and long-distance radio transmissions. Block and circuit diagrams depicting the above mentioned apparatus and the disposition of its compnnents are presented, together with technical data and specifications. Drawing; diagrams.

Institution: .....

Submitted: .....

SHVARTS, Boris Aronovich; LIPKINA, Vera Arkadiyevna; SEGAL', Solomon Grigor'yevich; BARANOVSKIY, Boris Konstantinovich; FURSOV, V.A., otvetstvennyy redaktor; LIPKINA, V.A., redaktor; LEDNEVA, N.V., tekhnicheskiy redaktor

[New radiobroadcasting apparatus; a collection of papers] Tekhnika sviazi: Novaia radioveshchatel'naia apparatura; informatsionnyi sbornik. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1956. 108 p. (MIRA 10:1)

1. Russia (1923- U.S.S.R.) Ministerstvo svyazi. Tekhnicheskoye upravleniye.
(Radio--Transmitters and transmission)

LIPKINA, V.A., inzhener; BERMAN, V.R., inzhener.

Type AVK-1 output commutation and control apparatus for feeders. Vest.sviazi 17 no.1:6-9 Ja '57. (MLRA 10:2)

1. Rukovoditel' gruppy TSentral'nogo konstruktorskogo byuro (for Lipkina).
(Radio--Apparatus and supplies)

LIPKINA, V.A.

FURSOV, V.A.; LIPKINA, V.A., inzhener.

Multiplexing dial telephone trunk lines. Vest.sviazi 17 no.9:12-14 S '57. (MIRA 10:10)

1.Glavnyy inzhener TSentral'nogo konstrukterskogo byuro Ministerstva svyazi SSSR (for Fursov). 2.Rukoveditel' gruppy TSentral'nogo konstrukterskogo byuro Ministerstva svyazi SSSR.
(Telephone, Automatic)

LIPKINA, V.A.

PHASE I BOOK EXPLOITATION 949

U.S.S.R. Ministerstvo svyazi. Tekhnicheskoye upravleniye.

Novaya apparatura radiofikatsii gorodov; informatsionnyy sbornik.
(New Equipment for Urban Radio Systems; Collection of Information)
Moscow, Svyaz'izdat, 1958. 48 p. (Series: Tekhnika svyazi) 11,800 copies printed.

Resp. Ed.: Fursov, V.A.; Tech. Ed.: Mazel', Ye. I.; Ed.: Novikova, Ye.S.

PURPOSE: The monograph may be useful to engineers working in the design of wire communication systems.

COVERAGE: The monograph contains three articles describing some new components of typical wire communication equipment designed for the switching and remote control of various sections of an urban wire communication network. The equipment was developed by the Central Design Bureau of the USSR Ministry of Communication. No personalities are mentioned. There are no references.

TABLE OF CONTENTS:

Card 1/3

The AVK-1 equipment is designed for use at supporting amplifier stations and substations. The author describes the operation of a circuit for automatic switching of loads of a TU-5 power amplifier and discusses a system for protecting and switching on the distribution feeders. She also describes measurement of feeder input resistance and the resistance of feeder insulation. A general view and the method of assembling the AVK-1 equipment are also presented.

Baranovskiy, B.K. UUP-1 Equipment for Remote Control of Amplifier Substations 20
The UUP-1 equipment is designed for controlling two amplifier substations from a central amplifier station. The author describes the system in general and discusses a method of switching on the filament circuit and the plate circuits of TU-5-3 amplifiers. Switching of preamplifier circuits is described and a method of signaling and automatic switching of amplifiers is discussed. A general view and the method of assembling the equipment are also given.

Kuperman, Ye.I. (Deceased). UKTP-1 Rack for Remote Control and Supervision of Transformer Substations 36

The UKTP-1 rack is designed to control six or twelve transformer substations. The author gives basic specifications of the rack and describes the remote control of main feeders. He also discusses the remote control of feeders of public-address systems. A general view and the method of assembling the equipment are also presented.

AVAILABLE: Library of Congress (TK 6560.R8)

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1-4-59

Card 3/3

L. P K. N A, U. A.

6(4) P. 3 PHASE I BOOK EXPLOITATION SOV/2774

Novaya apparatura radioveshchatel'nogo trakta; informatsionnyy sbornik (New Equipment of a Broadcasting System; Information Series) Moscow, Svyaz'izdat, 1959. 56 p. (Series: Tekhnika svyazi) 10,000 copies printed.

Resp. Ed.: V. A. Fursov; Ed. : V. I. Bashchuk; Tech. Ed.: S. F. Karabilova.

PURPOSE: This collection of articles may be useful to radio engineers.

COVERAGE: The authors discuss the following broadcast equipment: PRA-1 panel of a broadcast control room; PFA-1 panel of a speech-broadcast control room; PTU-3 and PTU-4 portable transmitters; and SDS-1 announcer's desk equipment. No personalities are mentioned. There are no references.

TABLE OF CONTENTS:

Card 1/3

New Equipment (Cont.) SOV/2774

The author discusses the construction and operation of a PTU-3 transmitter for transmitting speech and outdoor music programs and describes transmitter components.

Lipkina, V. A. PTU-4 Portable Transmitter 41
The author discusses the circuit of a PTU-4 portable transmitter and its components, such as the microphone amplifier, pulse meter, control amplifier and the power-supply circuit.

Meter, Ch. M. SDS-1 Announcer's Desk 52
The author presents a brief description of the equipment of the announcer's desk and discusses its operation.

AVAILABLE: Library of Congress

Card 3/3

JP/mmh
1-14-60

p. 2

PHASE I BOOK EXPLOITATION SOV/3687

USSR. Ministerstvo svyazi. Tekhnicheskoye upravleniye

Novaya apparatura elektrosvyazi i elektropitaniya; informatsionnyy sbornik. (New Electro-Communication and Power Supply Equipment; Collection of Information) Moscow, Svyaz'izdat, 1959. 100 p. (Seriya: Tekhnika svyazi) 13,300 copies printed.

Resp. Ed.: V.A. Lipkina; Eds.: Ye.S. Novikova and N.M. Mondrashina; Tech. Ed.: S.F. Karabilova.

PURPOSE: This collection of articles is intended for technical personnel of the Ministry of Communications USSR and its subordinate telecommunication establishments.

COVERAGE: The articles in this collection describe various new pieces of Soviet equipment used in electrical communications systems. These include: broadcast studio equipment, mobile audio amplifiers, transformers, cable racks, converters, rectifiers, and switchboards. No personalities are mentioned. References accompany the articles in footnotes.

Card 1/6

TABLE OF CONTENTS:

diagram and structural details of the new board.

Konstantinova, L.S. KMGK-1 Combined Switchboard 86
The switchboard connects local subscribers among themselves and connects long distance lines with local telephone network subscribers and with those of the automatic telephone system. The article describes circuit diagrams of various combinations of connections, structural details of the components and the assemblies as the whole.

Vigdorchik, M.M. BUS-4 Drilling Rig 96
The rig drills the holes for overhead line poles. The author describes the functional diagram, design, and operation of the assembly.

AVAILABLE: Library of Congress

KM/rlm./gmp
7-18-60

LIPKINA, Ye. A.

"Orthopedics in Cases Afflicted with Coccygeal Tuberculosis," Khirurgiya, No. 8, 1948. Cand. Med. Sci., Bone Tuberculosis Dept., Inst. Tuberculosis, Acad. Med. Sci., -c1948-.

LIPKINA E. A., LEBEDEVA Z. A.

Primenenie streptomitsina pri kostnosustavnom tuberkuleze.
/Use of streptomycin in osteo-articular tuberculosis/ Probl. tubark., Moskva No. 5 Sept-Oct 50 p. 47-53.

1. Of the Institute of Tuberculosis of the Academy of Medical Sciences USSR (Director Z. A. Lebedeva; Head of the Clinic of Bone Tuberculosis — Prof. Z. Yu. Rol'ye).
CLML Vol. 20, No. 2 Feb 1951

LIPKINA, Ye.A.

Results of laminar roentgenography-tomography in osteoarticular tuberculosis. Probl. tubark., Moskva no. 3:49-55 May-June 1952.
(CLML 22:4)

1. Candidate Medical Sciences. 2. Of the Clinic for Bone and Joint Tuberculosis (Head -- Prof. Z. Yu. Rol'ye) of the Institute of Tuberculosis of the Academy of Medical Sciences USSR (Director -- Z. A. Lebedeva).

LIPKINA, Ye.A.

Application of paraaminosalicylic acid in the treatment of osseous tuberculosis. Probl. tuberk., Moskva no.3:86-87 May-June 1953. (CIML 25:1)

1. Candidate Medical Sciences. 2. Of the Division of Bone-and-Joint Tuberculosis of the Yakutsk Branch of the Institute of Tuberculosis of the Academy of Medical Sciences USSR (Director -- Ye. N. Andreyev) located at Yakut Republic Children's Bone-and-Joint Sanatorium (Head Physician -- T. P. Dmitriyeva).

LIPKINA, Ye.A.

Review of periodical literature on tuberculosis, 1954-1955. Probl. tub. 34 no.1:57-62 Ja-F '56 (MLRA 9:5)

(TUBERCULOSIS--BIBLIOGRAPHY)

LAPINA, Antonina Ivanovna, red.; LIPKINA, Ye.A., red.

[Problems in the control of osteoarticular tuberculosis]
Voprosy bor'bt s kostno-sustavnym tuberkulezom; trudy. Moskva, Medgiz, 1958. 196 p. (MIRA 14:2)

1. Vsesoyuznoye soveshchaniye po kostno-sustavnomu tuberkulezu. Moscow, 1955.
(BONES--TUBERCULOSIS)

LIPKINA, Ye. A., kand.med.nauk

Comparative course and outcome of tuberculous gonitis in the Far North [with summary in French]. Probl.tub. 36 no.2:66-72 '58 (MIRA 11:5)

1. Iz kliniki imeni T.P. Krasnobayeva (zav. - prof. Z.Yu. Rol'ye) Instituta tuberkuleza AMN SSSR (dir. Z.A. Lebedeva)

(TUBERCULOSIS, OSTEOARTICULAR
eff. of climate in far North on course of gonitis (Rus))
(CLIMATE, eff.
on course of tuberc. gonitis in far North,(Rus))

LIPKINA, Ye.A., kand.med.nauk

Healing processes in tuberculous gonitis in children treated with antibacterial preparations [with summary in French]. Probl.tub. 37 no.1:22-26 '59. (MIRA 12:2)

1. Iz kliniki imeni T.P. Krasnobayeva (zav. - prof. Z.Yu. Rol'ye) Instituta tuberkuleza AMN SSSR (dir. Z.A. Lebedeva).
(TUBERCULOSIS, OSTEOARTICULAR, ininf. & child, drug ther. (Rus))

LIPKINA, Ye.A., kand.med.nauk

Session of the Tuberculosis Institute of the Academy of Medicine of the U.S.S.R. Probl.tub. 37 no.2:108-110 '59.
(MIRA 12:9)

(TUBERCULOSIS)

LIPKINA, Ye.A., kand.med.nauk

On the problem of tomographic study of the knee joint. Probl. tub. 38 no.2:41-46 '60. (MIRA 13:11)

1. Iz kliniki kostno-sustavnogo tuberkuleza imeni T.P.Krasnobayeva (zav. - prof. Z.Yu.Rol'ye) Instituta tuberkuleza AMN SSSR (dir. Z.A.Lebedeva).

(KNEE--TUBERCULOSIS)

LIPKINA, Ye.A., starshiy nauchnyy sotrudnik; MALKHAZYAN, K.A.

Cytological examination of exudates from the knee joint and its diagnostic significance. Probl. tub. 41 no.5:19-23 '63. (MIRA 17:1)

1. Iz kliniki imeni T.P. Krasnobayeva (zav. - prof. Z.Yu. Rol'ye) TSentral'nogo instituta tuberkuleza (dir. - deystvitel'nyy chlen AMN SSSR prof. N.A. Shmelev) Ministerstva zdravookhraneniya SSSR i detskogo kostnotuberkuleznogo sanatoriya "Krasnaya roza" (glavnyy vrach V.D. Krasil'nikova).

LIPKINA, Ye.A., doktor med. nauk

Possibilities of preserving the function of the knee joint in tuberculous gonitis in children. Sov. med. 27 no.11:108-110 N '64. (MIRA 18:7)

1. Institut tuberkuleza (dir. - deystvitel'nyy chlen AMN SSSR prof. N.A. Shmelev) Ministerstva zdravookhraneniya SSSR i Klinika imeni Krasnobayeva (zav. - prof. Z.Yu.Rol'ye), Moskva.

TASHEV, T. A.; LIPKINA, Ye.L.

Effect of experimental hyper and hypothyreosis on the course and pathochemical peculiarities of toxipathic hepatitis. Arkh. pat., Moskva 13 no.2:25-30 Mar-Arp 1951. (CLML 21:1)

1. Prof. Tashev (Sofia); Lipkina (Moscow). 2. Of the Experimental Laboratory (Head -- Prof. S. M. Leytes) of the Clinic for Therapeutic Nutrition (Director -- Honored Worker in Science, Prof. M. I. Pevzner), Institute of Nutrition of the Academy of Medical Sciences USSR.

MULINA, TS.I.; LIPKINA, Ye.V.

Pleural empyema in newborn infants. Vop. okh. mat. i det. 6 no.12:36-40 D '61. (MIRA 15:3)

1. Iz detskoy klinicheskoy bol'nitsy No.2 imeni I.V. Rusakova (glavnyy vrach - zasluzhennyy vrach RSFSR dotsent V.A. Krushkov) i kafedry detskoy khirurgii TSentral'nogo instituta usovershenstvovaniya vrachey (zav. - prof. S.Ya. Doletskiy).

(EMPYEMA)
(INFANTS (NEWBORN)--DISEASES)

LIPKINA, Z.S.

Free bimodules over a biregular ring. Usp. mat. nauk 18 no.4:155-159 Jl-Ag '63. (MIRA 16:9)

LIPKINA, Z.S.

Pseudonormalizability of topological rings. Sib. mat. zhur. 6 no.5: 1046-1052 S-O '65. (MIRA 18:10)

LIPKINA, Z.S.

Locally bicompact rings without zero divisors. Dokl. AN SSSR 161 no.3:523-525 Mr '65. (MIRA 18:4)

1. Submitted October 23, 1964.

LIPKIND, A.

On a jet plane. Grazhd.av.13 no.3:5-6 Mr '56. (MLRA 9:7)
(Jet planes)

LIPKIND, B.A.; VAYNSHTEYN, S.M.

Synthetic adsorbent for the adsorption refining of residual oils.
Trudy VNII NP no.7:146-155 '58. (MIRA 12:10)
(Adsorbents) (Petroleum--Refining)

SOV/65-58-10-5/15

AUTHOR: Lipkind, B. A.

TITLE: Influence of the Structure and Composition of Synthetic Sorbents on Their Activity During Percolation Purification of Residual Oils (Vliyaniye struktury i sostava sinteticheskogo sorbenta na yego aktivnost' v protsesse perkolyatsionnoy ochistki ostatochnogo masla)

PERIODICAL: Khimiya i Tekhnologiya Topliv i Masel, 1958, Nr 10, pp 24 - 29 (USSR)

ABSTRACT: Synthetic hydrophilic sorbents, especially silica gel and aluminium silica gel, are used on an increasing scale during the purification of petroleum products. The required characteristics of synthetic adsorbents are enumerated. Test samples of adsorbents were prepared from silicate masses, H_2SO_4 and alumina trihydrate, the preparation of which is described. The 0.25 to 0.50 mm fraction of the sorbents was used during the percolation purification. The structure of the adsorbents was defined by the method devised by the Laboratoriya adsorbtsii instituta fizicheskoy khimii AN USSR (Laboratory for Adsorption Processes of the Physico-Chemical Institute of the AS UkrSSR) and the specific surface defined by the liquid-phase adsorption of toluene from its solution in isooctane

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Influence of the Structure and Composition of Synthetic Sorbents on Their Activity During Percolation Purification of Residual Oils

(Ref.5). These analyses were carried out by Engineer Yu. Nikitin in the VNII NP Laboratories (Table 1). A series of four samples was prepared for investigating the influence of the structure and composition of the hydrophilic sorbents on their activity which varied according to their degree of porosity. Their activity was defined according to the method described by VNII NP (Ref.8). Deasphalted goudron from Tuymazy petroleum was used as raw material. The activity of adsorbents is set out in Table 2. The dependence of the activity on the porosity of the structure was approximately equal in all tested samples. Characteristics of the structure of adsorbents with maximum activity are given in Table 3. The silica gel should have a specific weight of 0.89 to 0.90 g/cm^3 and aluminium silica gel 0.96 to 0.97 g/cm^3. Investigations showed that at room temperature the purification of oils does not consist solely of an adsorption process, but is affected by the interaction of the surface of the adsorbent and the molecules of the product which is to be purified. The activity of silica gel can be increased by

Influence of the Structure and Composition of Synthetic Sorbents on Their Activity During Percolation Purification of Residual Oils

treating it with acid, but the effect was lower than when activating the surface of the adsorbent with aluminium. Aluminium oxide increases the activity of the adsorbent. Aluminium silica gel, activated with aluminium, has a 1.5 higher activity than aluminium silicate catalysts used during cracking processes. There are 3 Tables, 1 Figure and 8 References: 1 English and 7 Soviet.

ASSOCIATION: Gor'kovskaya opytnaya baza (Gor'kiy Research Station) VNII NP

KAPATSINSKIY, S.V.; LIPKIND, B.A.; KOZLOVA, T.Ye.; KALINA, A.S.

Crimean bentonites as raw materials for the production of oil purification cracking catalysts and adsorbents. Bent. gliny Ukr. no.3:89-98 '59. (MIRA 12:12)

1. Gor'kovskaya opytnaya baza Vsesoyuznogo nauchno-issledovatel'skogo instituta po pererabotke nefti i gaza i polucheniyu iskusstvennogo zhidkogo topliva.
(Crimea--Bentonite) (Catalysts) (Adsorbents)

BYKOV, V.T.; LIPKIND, B.A.; GRIBNOVA, V.G.

Evaluation of the bleaching and catalytic properties of some natural sorbents. Trudy DFAN SSSR. Ser. khim. no.4:113-115 '60. (MIRA 14:10)

(Sorbents)
(Bleaching agents)
(Catalysts)

S/064/62/000/002/007/008
B105/B101

AUTHORS: Breyman, M. I., Burylov, V. A., Liakumovich, A. G., Lipkind, B. A., Borisov, L. R.

TITLE: Production of an industrial batch of zeolite driers

PERIODICAL: Khimicheskaya promyshlennost', no. 2, 1962, 71

TEXT: In 1960 it was decided by the Catalyst Department of the Sterlitamakskiy zavod SK (Sterlitamak Plant SK) to produce a zeolite drier of the NaA type according to the process of the VNII NP. Peculiarities of the process: (1) Homogenizing and crystallizing of the sodium-aluminum silica gel are combined in an apparatus with propeller mixing device. Precipitation and crystallization conditions made it possible to obtain crystals of 4 to 6μ. (2) Washing was performed in a frame filter press with three filter layers. (3) The washed mass was predried in a steam-heated paste mixer. (4) Plasticizing and granulating of the mass were combined in one apparatus. On the basis of studies by the Gor'kovskaya opytnaya baza VNII NP (Gor'kiy Experimental Base of the VNII NP) and the plant, type "K" ("K") clay was used as binding agent.

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S/064/62/000/002/007/008
B105/B101

Production of an industrial...

Technical data of the product: Volume weight 0.73 g/cm^3; static moisture capacity 20.5% at 0.03% relative air moisture; dynamic moisture capacity 19.7% at 20°C. There is 1 table.

ASSOCIATION: Sterlitamakskiy zavod sinteticheskogo kauchuka (Sterlitamak Plant of Synthetic Rubber); Gor'kovskaya opytnaya baza VNII NP (Gor'kiy Experimental Base of the VNII NP)

BREYMAN, M.I.; BURYLOV, V.A.; LIAKUMOVICH, A.G.; LIPKIND, B.A.; BORISOV, L.R.

Production of an industrial batch of zeolite desiccant. Khim. prom. no.2:147 F '62. (MIRA 15:2)

1. Sterlitamakskiy zavod sinteticheskogo kauchuka i Gor'kovskaya opytnaya baza Vsesoyuznogo nauchno-issledovatel'skogo instituta po pererabotke nefti i gaza i polucheniyu iskusstvennogo zhidkogo topliva.

(Zeolites)
(Drying agents)

LIFKIND, Ye.

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PHASE I BOOK EXPLOITATION SOV/6246

Soveshchaniye po tseolitam. 1st, Leningrad, 1961.

Sinteticheskiye tseolity; polucheniye, issledovaniye i primeneniye (Synthetic Zeolites: Production, Investigation, and Use). Moscow, Izd-vo AN SSSR, 1962. 286 p. (Series: Its: Doklady) Errata slip inserted. 2500 copies printed.

Sponsoring Agency: Akademiya nauk SSSR. Otdeleniye khimicheskikh nauk. Komisiya po tseolitam.

Resp. Eds.: M. M. Dubinin, Academician and V. V. Serpinskiy, Doctor of Chemical-Sciences; Ed.: Ye. G. Zhukovskaya; Tech. Ed.: S. P. Golub'.

PURPOSE: This book is intended for scientists and engineers engaged in the production of synthetic zeolites (molecular sieves), and for chemists in general.

Card 1/[illegible]

Synthetic Zeolites: (Cont.) SOV/6246

COVERAGE: The book is a collection of reports presented at the First Conference on Zeolites, held in Leningrad 16 through 19 March 1961 at the Leningrad Technological Institute imeni Lensovet, and is purportedly the first monograph on this subject. The reports are grouped into 3 subject areas: 1) theoretical problems of adsorption on various types of zeolites and methods for their investigation, 2) the production of zeolites, and 3) application of zeolites. No personalities are mentioned. References follow individual articles.

TABLE OF CONTENTS:

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Synthetic Zeolites: (Cont.) SOV/6246

Card 8/12 3/3

SHEYNFAYN, R. Yu.; LIPKIND, B.A.; STAS', O.P.; NEYMARK, I. Ye.

Mechanism of the porous structure formation in silica gel. Part 3: Role of aging of neutral and alkaline hydrogels in the formation of the porous structure of xerogels. Koll. zhur. 26 no.6:734-738 N-D '64 (MIRA 18:1)

1. Institut fizicheskoy khimii imeni L.V.Pisarzhevskogo AN UkrSSR i Gor'kovskaya opytnaya baza Vsesoyuznogo nauchno issledovatel'skogo instituta po pererabotke nefti i gaza i polucheniyu zhidkogo topliva.

LIPKIND, G.I.; IVAKHENKO, P.V.; KOGAN, Z.B.

Mechanization in the sector of veneering pencils. Der.prom. 6 no.1: 21-22 Ja '57. (MLRA 10:2)

1. Fanernyy zavod "Furniyers."
(Pencils)

LIPKIND, G.I., inzhener; GERASIMOV, R.Ye., inzhener

Design of the P-714A press. Der. prom. 6 no.4:26-27 Ap '57.
(MLRA 10:6)

1. Fanernyy zavod "Furniyers" (for Lipkind). 2. Ufimskiy fanernyy zavod (for Gerasimov).

(Power presses)

KAZAKOVA, V.M.; SYRKIN, Ya.K.; LIPENKO, G.M.

Electron paramagnetic resonance spectrum of potassium-ketyl p,p-dimethylbenzophenone. Zhur.strukt.khim. 4 no.6:915-916 N-D '63. (MIRA 17:4)

1. Moskovskiy institut tonkoy khimicheskoy tekhnologii imeni Lomonosova.

LIPKIND, I. M.

Lipkind, I. M. "Problem of the formation of variegation in the agronomic properties of the soils in newly irrigated sierozems," Soobshch. Tadzh. filiala Akad. nauk SSSR, Issue 8, 1948, p. 13-16

SO: U-3566, 15 March 53, (Letopis 'Zhurnal 'nykh Statey, No. 14, 1949).

LIPKIND, I.M.

Use of fertilizers on irrigated soils of Tajikistan. Pochvovedenie no.12:48-55 D '56. (MLRA 10:2)

1. Institut pochvovedeniya, melioratsii i irrigatsii AN Tadzhikskoy SSR.
(Tajikistan--Fertilizers and manures) (Irrigation farming)

LIPKIND, I.M.

Agrochemical mapping of irrigated soils in Tajikistan. Pochvovedenie no.9:1-10 S '64. (MIRA 17:12)

1. Tadzhikskiy nauchno-issledovatel'skiy institut pochvovedeniya.

LIPKIND, I.M.

Seventieth birthday of Academician I.N.Antipov-Karataev.
Izv.Otd.est.nauk AN Tadzh.SSR no.2:131-144 '59.
(MIRA 13:4)

(Antipov-Karataev, Ivan Nikolaevich, 1888-)

SHAFERSHTEYN, I.Ya.; SAVVA, I.Ye.; LIPKIND, I.M.

Determining nitrates in soils by reducing them to nitrites.
Pochvovedenie no.9:96-101 S '62. (MIRA 16:1)

1. Nauchno-issledovatel'skiy institut pochvovedeniya Ministerstva sel'skogo khozyaystva Tadzhikskoy SSR i Tadzhikskiy sel'skokhozyaystvennyy institut.
(Soils--Nitrogen content)

LIPKIND, L.M., kandidat ekonomicheskikh nauk, dotsent.

Organizing efficient work of conveying sections in foundry shops.
Trudy LIEI no.6:121-140 '53. (MLRA 9:8)
(Foundries) (Conveying machinery)

LIPKIND, L.M., kandidat ekonomicheskikh nauk, dotsent.

Characteristics of production scheduling in foundry shops.
Trudy LIEI no.8:78-92 '54. (MLRA 9:9)
(Foundries) (Factory management)

LIPKIND, L.M., kandidat ekonomicheskikh nauk, dotsent.

Planning the production in experimental plant units. Trudy LIEI no.10:33-47 '55. (MLRA 9:8)
(Factory management)

TATEVOSOV, K.G.; LIPKIND, L.M.; PETROV, V.A.; ZEYDA, N.I.; SLIZHIS, M.U., nauchnyy redaktor; DOBROSHCHEVSKAYA, S.I., redaktor; RODCHENKO, N.I., tekhnicheskiy redaktor

[Smoothly organized work in a machine manufacturing plant; collaboration of the V.M.Molotov Institute of Engineering and Economics in Leningrad with the "Pnevmatika" plant] Organizatsiia ritmichnoi raboty mashinostroitel'nogo zavoda; iz opyta sodruzhestva Leningradskogo inzhenerno-ekonomicheskogo instituta imeni V.M.Molotova s zavodom "Pnevmatika" [Leningrad] Lenizdat, 1956. 175 p. (MLRA 10:7)
(Efficiency, Industrial)

LIPKIND, L.

Urgent problems in the organization of founders' wages.
Sots.trud. no.4:61-68 Ap '56. (MLRA 9:11)

(Founding) (Wages)

LIPKIND, L. (G. Leningrad).

Smooth operation of plants. Vop.ekon. no.6:147-152 Je '57.
(MIRA 10:7)
(Industrial management)

LIPKIND, L.M., kandidat ekonomicheskikh nauk, dotsent; PETROV, V.A.; kandidat tekhnicheskikh nauk, dotsent.

Principal aspects of the intershop operative and calendar planning of production. Trudy LIEI no.14:5-38 '57. (MLRA 10:7)
(Industrial management)

KLIMOV, A.N.

25(5) PHASE I BOOK EXPLOITATION SOV/1392

Leningrad. Inzhenerno-ekonomicheskiy institut

Organizatsiya i planirovaniye ravnomernoy raboty mashinostroitel'nykh predpriyatiy; Mezhvuzovskoye soveshchaniye. Doklady (Organization and Planning of Uniform Work in Machine-building Enterprises; Conference of Vuzes. Reports) Moscow, Mashgiz, 1958. [illegible] p. (Series: Its: Trudy, vyp.22) 4,000 copies printed.

Eds.: S.A. Volkov, and K.G. Tatevosov.; Tech. Ed.: L.V. Sokolova; Managing Ed. for Literature on Machine-building Technology (Mashgiz): Ye.P. Naumov, Engineer.

PURPOSE: This collection of articles is intended for engineering and technical personnel in machine-building establishments, and for scientific workers and students of institutes and departments of engineering and economics.

COVERAGE: This collection of articles contains reports by workers from vuzes, scientific research institutes, and industrial establishments presented at the conference of vuzes on the subject: "Organization and Planning of Uniform Operations in Machine-building Establishments." These reports discuss general problems encountered in organization, analysis, and theory of uniform production, as well as problems in schedule planning, technical preparation, and production specialization.

Card 1/8

Zagrind, L.M., Docent, Candidate of Economic Sciences, and V.A. Petrov, Docent, Candidate of Technical Sciences (Leningrad Institute of Engineering Card 3/8

and Economics). Key Problems in Intershop Schedule Planning of Production 106

SOV-117-58-9-18/22

AUTHOR: Lipkind, L.M., Candidate of Economical Sciences

TITLE: Determination of Duration of Operation Cycles in Machining of Parts (Opredeleniye dlitel'nosti proizvodstvennogo tsikla obrabotki detaley)

PERIODICAL: Mashinostroitel', 1958, Nr 9, pp 37-38 (USSR)

ABSTRACT: The Leningradskiy inzhenerno-ekonomicheskiy institut (Leningrad Institute of Engineering and Economics) together with the "Pnevmatik" Plant developed an analytical calculation method for determining the average duration of operation cycles in machining parts and derived a formula which can be applied if the preliminary determination of daily remainders between operations is given. There are 3 tables.

1. Industrial production--Analysis 2. Machine shop practice--USSR
3. Machine tools--Operation

Card 1/1

LIPKIND, L.M., dots., kand. ekon. nauk; PETROV, V.A., dots., kand. tekhn. nauk.

Unit problems in intershop operational and schedular production planning. Trudy LIEI no.22:106-118 '58. (MIRA 11:12)

1. Leningradskiy inzhenerno-ekonomicheskiy institut.
(Industrial management)

LIPKIND, L.

Sector specialization and nonstop factory management. Sots.trud 4 no.3:67-70 Mr '59. (MIRA 12:4)
(Leningrad--Factory management)

RUBCHINSKIY, Arkadiy Mikhaylovich; LIPKIND, L.M., red.; ZHITNIKOVA, O.S., tekhn.red.

[Operational and production planning at a radio apparatus plant; planning of work according to a graph] Operativno-proizvodstvennoe planirovanie na zavode radioapparatury; organizatsiia raboty po grafiku. Moskva, Gos.energ.izd-vo, 1960. 117 p. (MIRA 14:3)

(Radio industry)

LIPKIND, L. M.; SHEYNMAN, R. P.; SLIZHIS, M. U., red.; PUL'KINA, Ye. A., tekhn. red.

[Methods for preparing the production program of a machinery plant which provides for an in rease in the level of serial production.] Metody postreniia proizvodstvennoi programmy mashinostroitel'nogo zavoda, sposobstviushchie povysheniiu urovnia seriinosti proizvodstva. (Russia (1917-R.S.F.S.R.) Leningradskii ekonomicheskii administrativnyi raion. Laboratoriia promyshlenno-ekonomicheskikh issledovanii, Trudy, no. 4). (MIRA 16:11)

PETROV, Vladimir Arsent'yevich; KOLMAKOV, Nikolay Alekseyevich; EPEL'MAN, Gilel' Grigor'yevich. Prinimali uchastiye: NIKITIN, V.V.; MOROZOV, I.I.; SIVOKHA, N.V.; UTROBINA, N.I.; NIKITINA, N.N.; PANKOV, N.N.; BAUSHEV, N.P.; TATEVOSOV, K.G., dots.; LIPKIND, L.M.; LEBEDEVA, A.K., inzh.-ekon.; VIL'DAVSKIY, I.M., dots., retsenzent; VOLKOV, S.A., kand. ekon. nauk, dots., red.; CHFAS, M.A., red. izd-va; PETERSON, M.M., tekhn. red.

[Continuous conveyer methods used in the lot production of composite machines] Potochno-konveiernye metody v seriino m proizvodstve slozhnykh mashin; iz opyta Leningradskogo zavoda poligraficheskikh mashin. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 130 p. (MIRA 14:9)

1. Rabotniki Leningradskogo zavoda poligraficheskikh mashin(for Nikitin, Morozov, Sivokha, Utrobina, Nikitina, Pankov, Baushev). 2. Leningradskiy inzhenerno-ekonomicheskiy institut (for Tatevosov, Lipkind, Lebedeva).

(Leningrad--Printing machinery and supplies)
(Factory management)

LIPKIND, M.A.

Use of mitogenic spetrum analysis in the invivo detection of acetylcholine in frog muscle with various types of irritation [with summary in English] Biul.eksp.biol. i med. 45 no.6:65-68 Je '58 (MIRA 11:8)

1. Iz kabineta mitogeneza (zav. A.A. Gurvich) Instituta normal'noy i patologicheskoy fiziologii (dir. - prof. V.N. Chernigovskiy) AMN SSSR, Moskva. Predstavlena deystvitel'nym chlenom AMN SSSR V.N. Chernigovskim.

(ACETYLCHOLINE, determination,
in musc. in vivo, mitogenic spectrum analysis in frog (Rus))
(MUSCLE, metabolism
acetylcholine in frog, mitogenic spectrum analysis in vivo (Rus))

GURVICH, A.A.; YEREMEYEV, V.F.; LIPKIND, M.A.

Mitogenic irradiation of the neuromuscular system as a method for the analysis of its molecular substrate. Report No.3: Regulatory effect of spinal centers on the molecular substrate of muscles in animals of various ages and the role of the regulation in muscle metabolism. Biul. eksp. biol. i med. 51 no.4:57-61 Ap '61. (MIRA 14:8)

1. Iz kabineta mitogeneza (zav. A.A.Gurvich) Instituta normal'noy i patologicheskoy fiziologii (dir. - deystvitel'nyy chlen AMN SSSR V.V.Parinym.

(SPINAL CORD) (MUSLCE) (CELL DIVISION (BIOLOGY))