LOKSHIN, Yu. (Moskva)

Time relay with long time delay. Radio no. 11:21 N '60.
(MIRA 14:1)

(Electric relays)

MASHOVETS, V.P.; LOKSHINA, A.S.; MAKSIMOVA, I.N.

Anodic processes on platinum and lead anodes during the electrolytic production of thallium amalgam. Trudy LTI no.61:104-109 '60. (MIRA 15:5)
(Thallium) (Amalgams) (Electrochemistry)

LOKSHINA, B.

Work on methods at a combine. Prof.-tekh.obr. 18 no.11:31 N '61. (MIRA 14:11)

1. Zamestitel' nachal'nika otdela tekhnicheskoy ucheby Nizhne-Tagil'skogo metallurgicheskogo kombinata imeni V.I. Lenina.
(Nizhniy Tagil--Evening and continuation schools)

LOKSHINA, S.S.; AL'BOVA, Ye.A.

Studying the effect of different amounts of manganese on the viability of enteric bacteria; authors' abstract. Zhur.mikrobiol. epid. i immun. 28 no.7:148 Jl '57. (MIRA 10:10)

1. Iz Ukrainskogo instituta kommunal'noy gigiyeny.
(MANGANESE--PHYSIOLOGICAL EFFECT)
(INTESTINES--BACTERIOLOGY)

LOKSHINA, S.S.; AL'BOVA, Ye.A.

Studies on bacterial infestation of soil and drainage water from sewage irrigation fields. Gig. i san. 24 no.5:76-77 My '59. (MIRA 12:7)

1. Iz Ukrainskogo instituta kommunal'noy gigiyeny.
(SEWAGE,
field irrigation, spreading of bact. (Rus))
(AGRICULTURE,
field irrigation with sewage, spreading of bact.(Rus))

GORODETSKIY, A.S.; LOKSHINA, S.S.

Dynamics of the quantitative distribution of coli bacilli in sewage irrigation soil. Gig. i san. 26 no.9:88-89 S '61. (MIRA 15:3)

1. Iz Ukrainskogo nauchno-issledovatel'skogo instituta kommunal'noy gigiyeny.
(SEWAGE IRRIGATION) (ESCHERICHIA COLI)

LOKSHINA, S. Ye.

"Analysis of Dark Adaptation Due to Hypertonia," Vest. Oftalmol., 27, No. 4, 1948. Capt Med. Corps, Nth Hosp.

F.E.P.-50, -c1948-.

LOKSHINA, S.Z.

LAKOTKINA, O.Yu., starshiy nauchnyy sotrudnik, LOKSHINA, S.Z., nauchnyy sotrudnik

Sensitivity of microflora of the palatine tonsils to antibiotics [with summary in English]. Vest.oto.-rin. 20 no.3:11-17 My-Je '58

1. Iz Leningradskogo nauchno-issledovatel'skogo instituta po boleznyam ukha, gorla, nosa i rechi (dir. - prof. I.A. Lopotko, nauchnyy rukovoditel' -deyatvitel' nyy chlen AMN SSSR V.I. Voyachek)

(TONSILS, microbiol.
sensitivity of microflora to antibiotics (Rus))
(ANTIBIOTICS, eff.
on tonsillar microflora, sensitivity (Rus))

SHTEYNSHLEYGER, Vol'f Bentsionovich; LOKSHINA,T.A., redaktor; MEYMAN, M.S., professor, doktor tekhnicheskikh nauk, retsenzent; KATSENELENBAUM,B.Z., kandidat tekhnicheskikh nauk, retsenzent; ZUDAKIN,I.M., tekhnicheskiy redaktor

[Phenomena of interaction of waves in electromagnetic resonators] IAvleniia vzaimodeistviia voln v elektromagnitnykh rezonatorakh. Moskva, Gos.izd-vo obor.promysh., 1955. 111 p. (MLRA 9:2)
(Electric resonators)

LOKSHINA, Ye.G.; LEBEDEVA, O.V.

Characteristics of industrial accidents in Stalinabad. Zdrav. Tadzh. 3 no.2:42-45 Mr-Ap '56 (MIRA 12:7)

1. Iz kafedry gospital'noy khirurgii (zav. - chlen-korr. AN Tadzhikskoy SSR prof. N.F. Berezkin) Stalinabadskogo Gosudarstvennogo meditsinskogo instituta im. Abuali ibni Sino (dir. - chlen-korr. AN Tadzhikskoy SSR dotsent Ya. A. Rakhimov).
(STALINABAD--INDUSTRIAL ACCIDENTS)

USSR / General Problems of Pathology. Tumors. U
Comparative Oncology. Human Tumors.

Abs. Jour : Ref. Zhur - Biologiya, No. 3, 1959, 13744

Author : Lokshina, Ye. G.
Inst : Stalinabad Medical Institute
Title : A case of Congenital Lymphhemangiosarcoma of the Chest.

Orig Pub : Tr. Stalinabadsk. med. in-ta, 1956, 17, 163-164

Abstract : A congenital tumor of the left half of the mammary gland and axilla in a newborn started to increase and solidify quickly; at the 6th week of the child's life, it reached the dimensions of 14x13x 6 cm. Under local anesthesia, enucleation of the tumor, together with a part of the musculus pectoralis major, and isolation of the neuro-vascular

Card 1/2

USSR / General Problems of Pathology. Tumors. U
Comparative Oncology. Human Tumors.

Abs Jour : Ref. Zhur - Biologiya, No. 3, 1959, 13744

bundle was performed. Death occurred after 2 hours, due to traumatic shock. The diagnosis of lymphhemangiorsarcoma was microscopically confirmed.

Card 2/2

LOKSHINA, Ye.G., dotsent

Contemporary status of the problem of bone and skin grafting. Zdrav. Tadzh. 6 no.5:10-16 '59. (MIRA 13:3)

1. Zaveduyushchiy kafedroy travmatologii i ortopedii Stalinabadskogo medinstituta im. Abuali ibni Sino.
(BONE GRAFTING) (SKIN GRAFTING)

LOKSHINA, Ye.G., dotsent; TSEYTLINA, L.A., ordinator

Intraosseous anesthesia in surgery on the extremities. Zdrav. Tadzh. 6 no.6:27-30 '59. (MIRA 13:4)

1. Iz kafedry gospital'noy khirurgii (zav. - prof. N.Z. Monakov) Stalinabadskogo medinstituta im. Abuali ibni Sino.
(NOVOCAINE) (EXTREMITIES--SURGERY)

LOKSHINA, Ye.G., dotsent

State and tasks of orthopedic aid to the child population of Tajikistan. Trudy Tadzh. med. inst. [illegible] (MIRA 17:8)

1. Zaveduyushchaya kafedroy travmatologii i ortopedii Tadzhikskogo gosudarstvennogo meditsinskogo instituta imeni Abuali ibn-Sino.

LOKSHINA, Ye.G., dotsent

Use of a capron net in plastic surgery of the tendons in injury patients. Zdrav.Tadzh. 9 no.3:21-24 My-Je '62. (MIRA 15:8)

1. Iz kafedry ortopedii i travmatologii Tadzhikskogo meditsinskogo instituta imeni Abuali ibni Sino.
(NYLON) (TENDONS—SURGERY)

LOKSHINA, Ye.G.

Surgeon's tactics in wounds of the tendons of the fingers and wrist. Zdrav.Tadzh. 9 no.5:48-50 '62. (MIRA 15:12)

1. Zaveduyushchiy kafedroy ortopedii i travmatologii Tadzhikskogo meditsinskogo instituta imeni Abuali ibni Sino.
(TENDONS—INJURIES AND RUPTURES)

LOKSHINA, Ye.G., dotsent (Tadzhikskaya SSR, Dushanbe, ul.Aynī, d.21/17, kv.19)

Tendoplasty using various techniques; experimental study. Ortop., travm.i protez. 24 no.9:27-31 S '63. (MIRA 17:4)

1. Iz kafedry travmatologii i ortopedii (zav. - dotsent Ye.G.Lokshina) Tadzhikskogo meditsinskogo instituta (rektor - zasluzhennyy deyatel' nauki dotsent Z.P.Khodzhayev).

MONAKOV, Nikolay Zosimovich, doktor med.nauk, prof., zasluzhennyy deyatel' nauki; LOKSHINA, Yelena Gavrilovna, doktor med.nauk; ETINGEN, I.Ye., otv.red.

[Alloplasty using a knitted capron net.] Alloplastika viazanoi kapronovoi setkoi. Dushanbe, 1964. 76 p. (Dushanbe. Gosudarstvennyi meditsinskii institut, Trudy, vol. 65).

(MIRA 18:7)

1. Zaveduyushchiy kafedroy gospital'noy khirurgii Tadzhikskogo meditsinskogo instituta imeni Abuali Ibn-Sino (Avitsennyy) (for Monakov). 2. Zaveduyushchaya kafedroy ortopedii i travmatologii Tadzhikskogo meditsinskogo instituta imeni Abuali Ibn-Sino (Avitsennyy) (for Lokshina).

LOKSHINA, Ye.Ye.

Alloplasty of the tendons. Ortop., travm. i protez. 21 no.11:44-46 '60. (MIRA 14:4)

(TENDONS--SURGERY)

LOKSHTANOV, Grigoriy Petrovich; MALAMUD, A.V., inzh., spets. red.; GLADKOV, V.A., red.; SYCHEVA, V.A., tekhn. red.

[New developments at construction projects beyond the Artic Circle] Novoe na stroikakh Zapoliar'ia. Murmansk, Murmanskoe knizhnoe izd-vo, 1962. 50 p. (MIRA 16:7)
(Russia, Northern--Construction industry)

LOKSHTANOV, M. B.

ZHLOBINSKIY, Z.B.; LOKSHTANOV, M.B.

Efforts to achieve well organized production and labor. *Leg.prom.* 14 no.6:44-46 Je '54. (MLRA 7:8)
(Clothing industry)

BORISOV, G.A.; LOKSHTANOV, Ye.A.; OL'SHTEYN, L.Ye.

Rotating stall in an axial-flow compressor. Prom.aerodin. no.24: 35-47 '62. (MIRA 16:7)

(Compressors--Aerodynamics)

L 42915-66 EWT(d)/EWT(m)/EWP(f)/T-2 GD

ACC NR: AT6028557 SOURCE CODE: UR/0000/66/000/000/0121/0136

AUTHOR: Ol'shteyn, L. Ye.; Lokshtanov, Ye. A.

ORG: none

TITLE: The use of an energy balance method of analyzing the stability of gas systems with compressors

SOURCE: Lopatochnyye mashiny i struynyye apparaty (Vane machinery and jet apparatus); sbornik statey, no. 1. Moscow, Izd-vo Mashinostroyeniye, 1966, 121-136

TOPIC TAGS: gas compressor, compressor design

ABSTRACT: A theoretical and experimental study was made of the use of an energy balance method of analyzing the stability of gas systems in compressors. The method is based on the exchange of energy between various elements of the system when oscillations occur in the flow. Both dynamic and static stability are considered. One method of improving dynamic stability of a compressor on test stands is the use of a second additional throttle in addition to the main throttle. To ensure dynamic stability in such a system, the total characteristic of both throttles must be steeper than the compressor characteristic. The results showed that simultaneous throttling by both the inlet and outlet throttles increases the range of dynamic stability by 23% with respect to the flow rate. Formulas are derived for determining the dynamic

UDC: 629.13.03:621.454:533.6.001.5

Card 1/2

L 42915-66

ACC NR: AT6028557

properties of the elements of a system with a moving compressible flow from which numerical criteria may be found for establishing the region of stable operation.. Orig. art. has: 6 figures and 15 formulas. [TN]

SUB CODE: 21/ SUBM DATE: 06Apr66/ ORIG REF: 004/ OTH REF: 003/ATD Press: 5065

Card 2/2 MLP

ACC NR: AT6028558 SOURCE CODE: UR/0000/66/000/000/0137/0144

AUTHOR: Lokshtanov, Ye. A.

ORG: none

TITLE: Lumped parameters characterizing dynamic properties of elements of systems with a moving compressible medium

SOURCE: Lopatochnyye mashiny i struynyye apparaty (Vane machinery and jet apparatus); sbornik statey, no. 1. Moscow, Izd-vo Mashinostroyeniye, 1966, 137-144

TOPIC TAGS: acoustics, acoustic system, gas system, flow stability, electric analogue, COMPRESSIBLE FLOW, GAS FLOW, FLOW RATE, FUEL

ABSTRACT: Nonsteady-state processes in gas systems and solutions to flow stability problems are considered. If instead of the variables p, ρ, v (pressure, density of the medium, and volume of the element, respectively), usually used in acoustics, the total parameters p*, ρ*, and the flow density j (or mass flow rate M), are used, then a much simpler form for expressing the dynamic properties of elements of systems with a moving compressible medium can be obtained. These relation-

Card 1/2 UDC: 629.13.03:621.454:533.6

ACC NR: AT6028558

ships are similar to those used in conventional acoustics and help to eliminate inaccuracies. A system of electric analogues for simulating such elements is given. Orig. art. has: 18 formulas. [AV]

SUB CODE: 21/ SUBM DATE: 06Apr66/ ORIG REF: 005/ OTH REF: 001

Card 2/2 fv

KRAVTSOV, V.I.; LOKSHTANOVA, O.G.

Kinetics of electrode processes on solid electrodes. Part 3
Zhur. fiz. khim. 36 no.11:2362-2367 N'62. (MIRA 17:5)

1. Leningradskiy gosudarstvennyy universitet imeni Zhdanova.

GANZ, S.N.; LOKSIN, M.A.; KAPTUROVA, S.I.

Determination of velocity coefficients for the absorption of nitrogen oxides by nitric aqueous solutions in mechanical absorbers. Zhur.prikl.khim. 28 no.8:831-840 Ag '55. (MLRA 9:1)
(Nitrogens oxides) (Absorption)

LOKTAYEV, V. S. (Aspirant)

"An Investigation of the Technological Process of Winding Small Motors." Cand Tech Sci, Moscow Aviation Technological Inst, 10 Dec 54. (VM, 1 Dec 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12)

SO: SUM No. 556, 24 Jun 55

LOKTAYEV, V.S., kand.tekhn.nauk, dotsent; MILOVANOV, V.P., inzh.

Manufacturing printed circuits of foliated paper-filled phenol-formaldehyde resin by means of the raster-chemical method. Trudy MATI no.52:73-79 '61. (MIRA 15:4)

(Printed circuits)

[illegible] EWT(d)/EWT(l)/EWT(m)/EPF(c)/T/EWP(q)/EWP(b) Pe-4/Pk-4/Pl-4/Po-4/
[illegible] AFWL/SSD/ASD(f) [illegible] AFFTR [illegible]

ACCESSION NR: AT4046034 S/2536/64/000/059/0025/0039

AUTHOR: Loktayev, V.S. (Docent, Candidate of technical sciences) B

TITLE: Effect of technological factors on the accuracy of assembling gyromotors

SOURCE: Moscow. Aviatsionny*y tekhnologicheskiy institut. Trudy*, no. 59, 1964. [illegible] i konstruirovaniye giropriborov (Technology and design of gyroscopic instruments), 25-39

TOPIC TAGS: aircraft instrumentation, gyroscope, gyromotor, gyromotor assembly, gyro rotor, rotor imbalance, gyroscope friction

ABSTRACT: The paper examines the fundamental factors producing deviations of an [illegible] having three degrees [illegible] These [illegible] existing [illegible] the [illegible] of the gyromotor [illegible]

L 7015-65
ACCESSION NR: AT4046034

5

as well as by decreasing the displacement of the center of gravity of the gyromotor and [illegible] general production quality. The quality of the bearings and the precision of [illegible] The re[illegible] [illegible] and washing of the bearings [illegible] motor operates is investigated and helium is recommended [illegible] helium to prove that for a vacuum [illegible]

NO REF SOV: 003 OTHER: 000

Card 2/2

KLIMOVA, K.N.; LOKTEV, A.F.

Effect of lipopolysaccharide from B. paracoli on the leucocytes of the peripheral blood in rabbits. Dokl. AN SSSR 150 no.5: 1178 Je '63. (MIRA 16:8)

1. Leningradskiy nauchno-issledovatel'skiy institut perelivaniya krovi. Predstavleno akademikom N.N.Anichkovym.
(LIPOPOLYSACCHARIDES) (LEUCOCYTES)

TUKACHINSKIY, S.Ye.; KLIMOVA, K.N.; MOISEYEVA, V.P.; SOKOLOVA, T.S.; KUZNETSOVA, V.N.; LOKTEV, A.F.

Mechanism of the formation of C-reactive protein. Probl. gemat. i perel. krovi 9 no.7:14-18 Jl '64. (MIRA 18:3)

1. Leningradskiy institut perelivaniya krovi (dir. - dotsent A.Ye. Belyakov).

LOKTEV, A.M.; KAGAN, Yu.B.

Selective catalytic hydrogenation of alipnatic oxygen-containing compounds under high pressures. Neftekhimiia 3 no.6:892-899 N-D '63. (MIRA 17:3)

1. Institut neftekhimicheskogo sinteza AN SSSR im. A.V.Topchiyeva i Novomoskovskiy khimicheskiy kombinat.

LOKTEV, A.Ya., kandidat tekhnicheskikh nauk, dotsent

On the expediency of building dispatch parks in marshalling yards (MLRA 9:1)
Trudy Khab. IIT no.8:85-101 '55.
(Railroads--Making up trains)

LOKTEV, A. Ya., kand. tekhn. nauk

Unloading units are needed in coal mining areas. Ugol' Ukr. 7 no.4:27-29 Ap '63. (MIRA 16:4)

(Coal mines and mining--Equipment and supplies)
(Loading and unloading)

LOKTEV, A.Ya., kand.tekhn.nauk (Rostov-na-Donu)

Centralization of freight unloading for coal mines. Zhel.dor.transp. 45 no.7:82-86 Jl '63. (MIRA 16:9)
(Materials handling) (Coal mines and mining--Equipment and supplies)

1. LOKTEV, B. T., ENG.

2. USSR (600)

4. Coal, Pulverized

7. Pulverizing coal in mills with a smaller load of balls. Elek. sta. 23, no. 10, 1952.

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

LOKTEV, B.N.; KOPANTSEVA, N.A.; CHERNOSHTAN, F.K.

Preparation of photographic maps with white contours. Geod.i kart. no.6:60-61 Je '62. (MIRA 15:8)
(Outline maps)

S/006/60/000/05/21/024
B007/B123

AUTHORS: Levashev, S. P., Chernoshtan, F. K., Loktev, B. N.

TITLE: Freezer for Sprinkling Bromium Gelatine Photoplates

PERIODICAL: Geodeziya i kartografiya, 1960, No. 5, pp. 69-71

TEXT: In all aerogeodetic centers of the GUGK (Main Administration of Geodesy and Cartography) bromium gelatine photoplates are sprinkled upon the tables introduced by V. I. Kazanovich. In this paper the drawbacks of this method are pointed out. In the photogrammetric workshop of the NAGP these drawbacks were eliminated by constructing a sprinkling desk (Fig. 1) with a freezer of the type BR-RKF-0.9 (Fig. 2) of a freezing capacity of 900 kcal/hour. This construction was developed and put into operation by the three authors. The apparatus is described here in short. According to a suggestion made by the senior photo-laboratory assistant P. Ye. Shulyak two ventilators of the type NV-4 were set up below the vaporizer. The apparatus was installed in March 1959, and has been operating without any troubles. There are 2 figures.

Card 1/1

LOKTEV, D. A.

Sbornik zadach po nastroike metallorezhushchikh stankov. Rep. v kachestve uchebn. posobiia dlia mashinostroit. tekhnikumov GUZ Ministerstva stankostroeniia SSSR. Moskva, Mashgiz, 1951. 300 p.diagrs.

Collection of problems in the adjustment of metal-cutting machines.

DLC: TJ1230.L6

SO: Manufacturing and Mechanical Engineering in the Soviet Union, Library of Congress, 1953

LOKTEV, D.A. inzhener; BARSOV, A.I., inzhener, retsenzent; KORSOV, L.A., inzhener, retsenzent; DUNAYEV, P.F., inzhener, redaktor; BEYZEL'-MAN, R.D., inzhener; redaktor literatury po metalloobrabotke i stankostroyeniyu; TIKHONOV, A.Ya., tekhnicheskiy redaktor; POPOVA, S.M., tekhnicheskikh redaktor.

[Metal-cutting machines for toolmaking] Metallorezhushchie stanki dlia proizvodstva instrumenta. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1953. 303 p. [Microfilm] (MLRA 7:10)
(Machine tools)

LOKTEV, D.A., inzh.; STUDENETSKAYA, V.A., tekhn. red.

[Program for the topic "Metal milling machines" for technical schools in the subject "Tool manufacture"] Programma po predmetu "Metallorezhushchie stanki" dlia tekhnikumov po spetsial'nosti "Instrumental'noe proizvodstvo." Moskva, TSentr. biuro tekhn. informatsii, 1956. 22 p. (MIRA 11:8)

1. Russia (1923- U.S.S.R.) Ministerstvo stankostroitel'noy i instrumental'noy promyshlennosti. Upravleniye uchebnymi zavedeniyami. (Metal-cutting tools)

PHASE I BOOK EXPLOITATION SOV/3489

Loktev, David Abramovich

Sbornik zadach po nastroyke metallorezhushchikh stankov (Collection of Problems On the Setting Up of Machine Tools) 2nd ed. Moscow, Mashgiz, 1959. 385 p. Errata slip inserted. 20,000 copies printed.

Ed.: Sh. Ya. Livshits; Tech. Ed.: B.I. Model'; Managing Ed. for Literature on Metal Working and Tool Making: R.D. Beyzel'man, Engineer.

PURPOSE: This textbook is intended for students at machine-building tekhnikums.

COVERAGE: This book contains practical problems and examples of the setting-up procedures for machine tools (lathes, drilling machines, milling machines, grinders, etc.). The problems are intended to accompany and clarify the theoretical expositions given in the course on metal-cutting machine tools. No personalities are mentioned. No references are given.

Card ~~1/4~~

LOKTEV, I., inzhener.

Mechanizing timbering operations in mine shafts. Mast.ugl. 5 no.6: 15-16 Je '56. (MLRA 9:8)
(Shaft sinking) (Minetimbering)

LOKTEV, I., inzhener.

New types of boring bits. Mast.ugl. 5 no.11:22-23 N '56.
(Boring machinery) (MIRA 10:1)

KOROBEYNIKOV, A.T.; LOKTEV, L.S.

Practices in the use of the KGP-2 potato harvesting combine for sorting sugar beets. Trakt. i sel'khozmash. 33 no.7:28-29 Jl '63. (MIRA 16:11)

1. TSentral'no-Chernozemnaya mashinoispytatel'naya stantsiya.

[illegible] V, [illegible].

Community Centers

Educational work with children at the Cultural Center, V pom. profaktivu 13, No. 6, 1952.

Monthly List of Russian Accessions, Library of Congress, May 1952, Unclassified.

SOV/84-58-12-10/54

AUTHOR: Loktev, N. Unit Commander

TITLE: Network Expands on Local Lines (Rasshiryayetsya set' mestnykh liniy)

PERIODICAL: Grazhdanskaya aviatsiya, 1958, Nr 12, p 4 (USSR)

ABSTRACT: The author states that the network of local airlines in the Litovskaya SSR is expanding so rapidly that soon all small localities of the Republic will be joined by air. The expansion is proceeding simultaneously with a reduction in operating costs and the construction of landing fields, many of which are built by local volunteer labor. The following towns and settlements have acquired landing fields: Rokishkis, Panevezhis, Ionishkelis, and Kurskaya Spit. Personalities among pilots and technicians mentioned include V. Kopylov, A. Nikitin, V. Novikov, V. Yermakov, V. Khodunkov.

Card 1/1

LOKTEV, N.

The expert should meet the inventor. Izobr. i rats. no. 5:35 My '51.
(MIRA 14:5)

1. Zamestitel' direktora Kazakhskogo Nauchno-issledovatel'skogo institut mekhanizatsii i elektrifikatsii sel'skogo khozyaystva.
(Kazakhstan—Agricultural machinery—Technological innovations)

[illegible]YEV, N.A. (Stavropol')

Possibility of a simultaneous staining for polysaccharides (Schick reaction) and deoxyribonucleic acid after Feulgen. [illegible] Arkh. pat. 27 no.10:85-86 '65. (MIRA 18:10)

1. Kafedra patologicheskoy anatomii (zav. - prof. Ye.[illegible]) Stavropol'skogo meditsinskogo instituta.

LOKTEV, N. Ia., cand. in st. tehnice

New type of work device for harvesting corncobs. Mec electrif agric 8 no.6:47-52 N-D '63.

1. Institutul de cercetari pentru mecanizarea si electrificarea agriculturii din R.S.S. Kazaha.

LOKTEV, N.N.

Viability of cheat seeds in manure and other farm refuses.
Zemledelie 6 no.10:85-86 O '58. (MIRA 11:11)
(Leningrad Province--Brome grass)

LOKTEV, N.N.

Dispersal of different weed seeds by the seeds of Bromus secalinus L. Bot. zhur. 43 no.9:1314-1316 S '58. (MIRA 11:10)

1. Vsesoyuznyy institut rastenivodstva, Leningrad.
(Seeds--Dissemination) (Weeds) (Brome grass)

LOKTEV, N. N. Cand Biol Sci -- (diss) "The biological peculiarities of chess (Bromus secalinus L) and measures for controlling it." Len, 1959. 19 pp (All-Union Order of Lenin Acad Agr Sci im V. I. Lenin. All-Union Inst of Plant Cultivation), 150 copies (KL, 45-59, 145)

LOKTEV, N.N.

Viability of cheat seeds after having passed through the digestive tract of animals. Dokl.Akad.sel'khoz. 24 no.6:25-27 '59. (MIRA 12:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut rasteniyevodstva. Predstavlena chlenom-korrespondentom Vsesoyuznoy akademii sel'skokhozyaystvennykh nauk imeni V.I.Lenina N.S.Sokolovym.
(Brome grass) (Germination)

LOKTEV, N.N., kand.tekhn.nauk; KIRZNER, O., inzh.

"Grain drying" by M.A. Skorovarov. Reviewed by N. Loktev, O.Krizner. Muk.-elev. prom. 26 no. 12:29 D '60. (MIRA 13:12)

1. Nauchno-issledovatel'skiy institut mekhanizatsii i elektrifikatsii sel'skogo khozyaystva Kazakhskoy Akademii sel'skokhozyaystvennykh nauk.
(Grain--Drying)

LOKTEV, N.N., kand.biolog.nauk

Infestation of winter wheat with cheat. Agrobiologiia no. 1:137 Ja-F '61. (MIRA 14:2)

1. Vsesoyuznyy institut rasteniyevodstva.
(Brome grass)

LOKTEV, M.Ya., Cand Tech Sci--(dis) "Study of cob-husking mechanisms of corn-harvesting machines." Mos, 1956. 19 pp with drawings (All-Union Order of Lenin Acad of Agr im V.I. Lenin. All-Union Sci Res Inst of Mechanization of Agr), 130 copies (KL,25-58,114)

-106-

LOKTEV, N.Ya., inzh.

Improving the ear-snapping mechanism of KU-2 and KU-2A combines. Mekh. i elek. sots. sel'khoz. 15 no.1:12-16 '58. (MIRA 11:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut mekhanizatsii sel'skogo khozyaystva.

(Corn picker (Machine))

LOKTEV, N. Ia., cand. in stiinte tehnice

Research problems of some physical and mechanical properties of corn plants. Mec electrif agric 9 no. 1: 84-91 '64.

1. Institutul de cercetari pentru mecanizarea si electrificarea agriculturii din Kazakhstan.

LOKTEV, Oleg Vasil'yevich; GLAZUNOV, Ye.A., prof., red.;

[Axonometric projections] Aksonometricheskie proektsii. Moskva, Izd-vo Energ. in-ta, 1962. 42 p. (MIRA 16:6)
(Axonometric projection)

SOV/111-58-12-10/38

AUTHORS: Zakharov, Yu.K., Candidate of Technical Sciences, Loktev, P.I., Engineer

TITLE: Transistorized D-C Converters with Semiconductor Triodes (Preobrazovateli postoyannogo napryazheniya na poluprovodnikovykh triodakh)

PERIODICAL: Vestnik svyazi, 1958, Nr 12, pp 5-7 (USSR)

ABSTRACT: The article contains constructional data of four types of transistorized dc power converters for use in communication installations. The principal electrical data of one such converter is given in a table and is compared with a vibration converter. The first has a power output of 100 watts and a service life of more than 10,000 hours, while the latter has only 50 watts output and a service life of 250 hours. The circuit diagram of this converter is shown by Figure 2. Transistors type P4 are used. Two other converter types are based on the same circuit arrangement as shown by Figure 2. Figure 5 shows the circuit diagram for a converter using

Card 1/2

Transistorized D-C Converters with Semiconductor Triodes SOV/111-58-12-20/28

two P4P transistors. The rectifiers contain DGTs-27 or DGTs-24 diodes. These converters are used to step up low dc voltage (for example, from 12 volts to 220 or 750 volts).
There are 2 circuit diagrams, 2 graphs, 1 photo and 1 table.

Card 2/2

LOKTEV, S., kandidat khimicheskikh nauk.

The chemist's architecture. Tekh.mol. 22 no.10:16-17 O '54.
(Chemistry) (MLRA 7:11)

LOKTEV, S.K.

Flow chart for the bleeding of extra steam. Sakh. prom. 32 no.2:40 F '58. (MIRA 11:3)

1. Pivnenkovskiy mashinostroitel'nyy zavod.
(Sugar manufacture)

KRENTSEL', B.A.; PAUSHKIN, Ya.M., professor, redaktor; LOKTEV, S.M., redaktor; POLYAKOVA, T.V., tekhnicheskiy redaktor.

[Principles of the synthesis of aliphatic alcohols from petroleum hydrocarbons] Osnovy sinteza alifaticheskikh spirtov iz neftianykh uglevodorodov. Moskva, Izd-vo Akad. nauk SSSR, 1954. 182 p. (MLRA 7:8)
(Alcohols) (Hydrocarbons)

SERGIYENKO, S.R., professor, otvetstvennyy redaktor; LOKTEV, S.M., redaktor; NEVRAYEVA, N.A., tekhnicheskiy redaktor.

[Problems of hydrocarbon oxidation] Problemy okisleniia uglevodorodov. Moskva, Izd-vo Akademii nauk SSSR, 1954. 221 p.
(MLRA 8:2)

1. Akademiya nauk SSSR. Institut nefti.
(Hydrocarbons) (Oxidation)

LOKTEV S.M.

AKBUZOV, A. Ye., otvetstvennyy redaktor; SERGIYENKO, S.R., professor, otvetstvennyy redaktor; LOKTEV, S.M., redaktor; SIMKINA, Ye.N., tekhnicheskiy redaktor.

[Academician Sergei Vasil'evich Lebedev; for his eightieth birthday] Akademik Sergei Vasil'evich Lebedev; k vos'midesiatiletiiu so dnia rozhdeniia. Moskva, Izd-vo Akademii nauk SSSR, 1954. 263 p.(MLRA 7:11)

1. Akademiya nauk SSSR.
(Lebedev, Sergei Vasil'evich, 1874-1934)

USSR/Chemistry

Card 1/1 : Pub. 41-16/18

Author : Bashkirov, A. N. and Loktev, S. M., Moscow

Periodical : Izv. AN SSSR. Otd. tekh. nauk 8, 147-153, Aug 1954

Title : Tests of certain oxide catalysts in the synthesis of hydrocarbons from carbon monoxide and hydrogen

Abstract : Investigates effectiveness of the following oxide catalysts in the synthesis of hydrocarbons from CO and H_2 at pressures ranging from 30-250 atm and temperatures from 400-450°C: ThO_2, 25 ThO_2 -- 75 Al_2O_3, 25 ThO_2 -- 75 Al_2O_3 -- 3 K_2CO_3, 100 Al_2O_3 -- 0.5 K_2O, 100 Cr_2O_3 -- 1 K_2CO_3, 50 Cr_2O_3 -- 50 Al_2O_3, 50 ZnO -- 50 Al_2O_3, 60 ZnO -- 40 Al_2O_3, 25 ZnO -- 75 Al_2O_3, and 25 ZnO -- 75 Al_2O_3. Tables. Five references; 1 USSR.

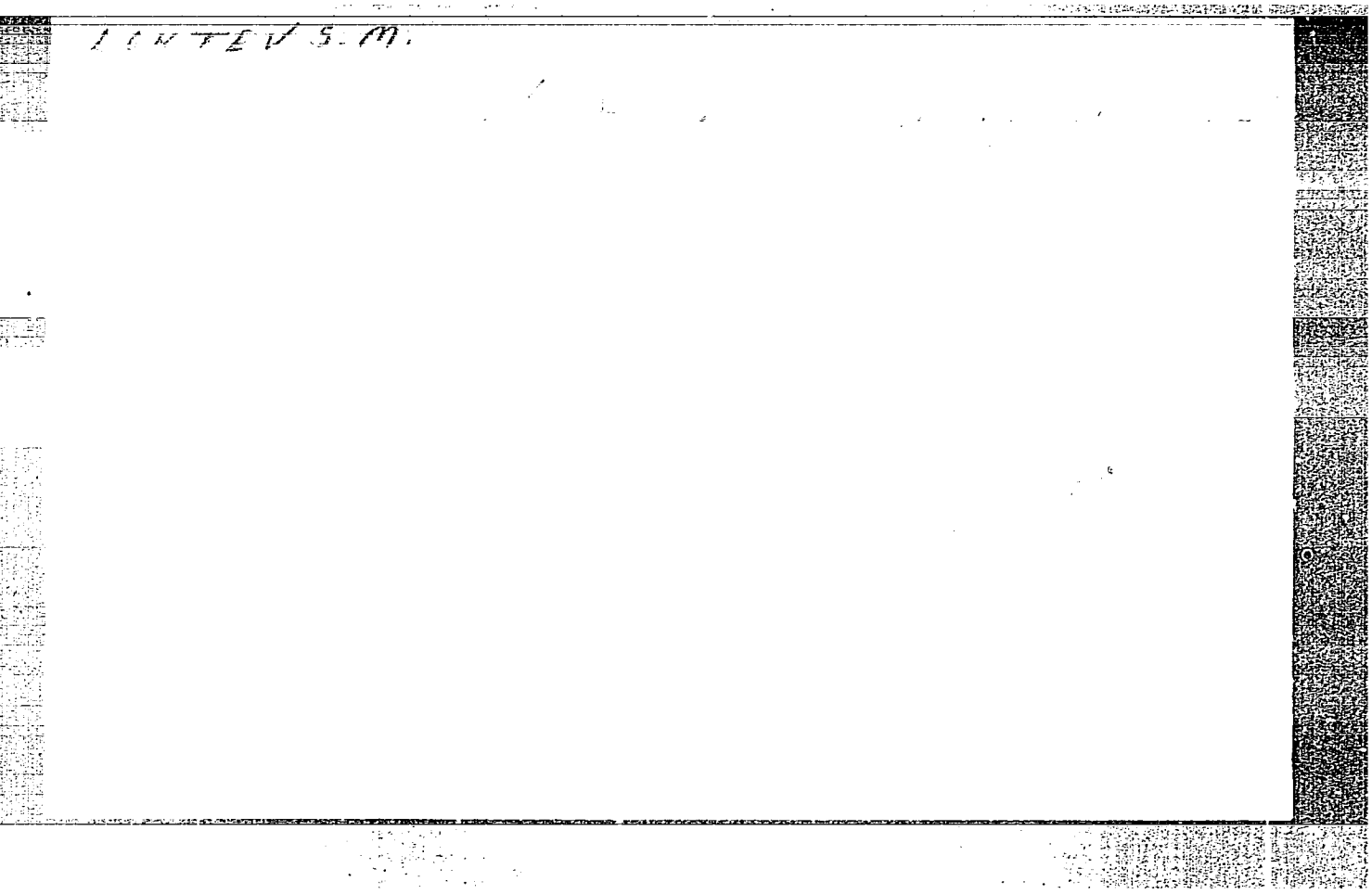
Institution : Institute of Petroleum of the Academy of Sciences of the USSR

Submitted : May 27, 1954

Summary 550423

LOKTEV, S.M. kandidat khimicheskikh nauk

Fats and soap from petroleum. Znan. sila no.5:22-24 My '55.
(MLRA 8:6)
(Petroleum industry--By products)



LOKTEV, S.M., kandidat khimicheskikh nauk.

Synthesis of organic compounds based on carbon oxides and hydrogen.
Khim. v shkole 10 no.1:10-18 Ja-F '55. (MIRA 8:4)
(Chemistry, Organic--Synthesis)

KRENTSEL', B.A.; LOKTEV, S.M.

Natural gas as a source of energy and chemical raw materials.
Priroda 44 no.11:28-35 N '55. (MLRA 9:1)
(Gas, Natural)

LOKTEV, S. M.

USSR/Chemistry - Catalysis

Card 1/2 Pub. 22 - 25/54

Authors : Bashkirov, A. N., and Loktev, S. M.

Title : Catalytic activity of SiO_2 in synthesis from CO and H.

Periodical : Dok. AN SSSR 102/5, 947-948, Jun 11, 1955

Abstract : A study of catalytic properties of SiO_2 showed that synthetic SiO_2 become active at temperatures of from 350-500° and pressures of from 20 - 100 atm. and function as catalysts during the synthesis of hydrocarbons from CO and H. SiO_2 catalysts act satisfactorily in gas during the synthesis of $1CO + 1H_2$ at volumetric rates of 100 - 300 g/m^3. The synthesis mechanism in the presence of SiO_2 catalysts was found to be different from the synthesis over metallic catalysts. The ability of these catalysts toward catalytic

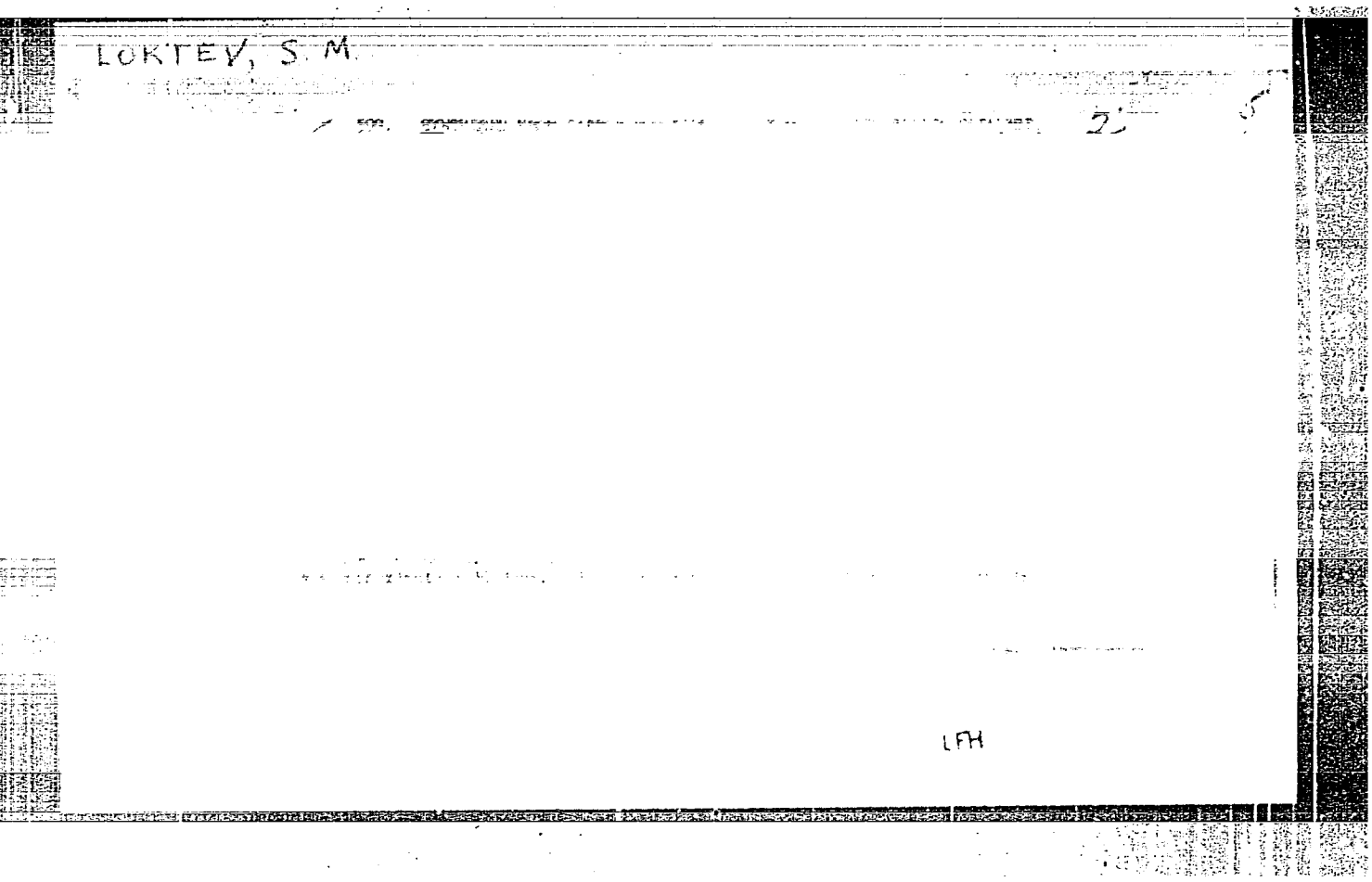
Institution : Acad. of Sc., USSR, Inst. of Petroleum

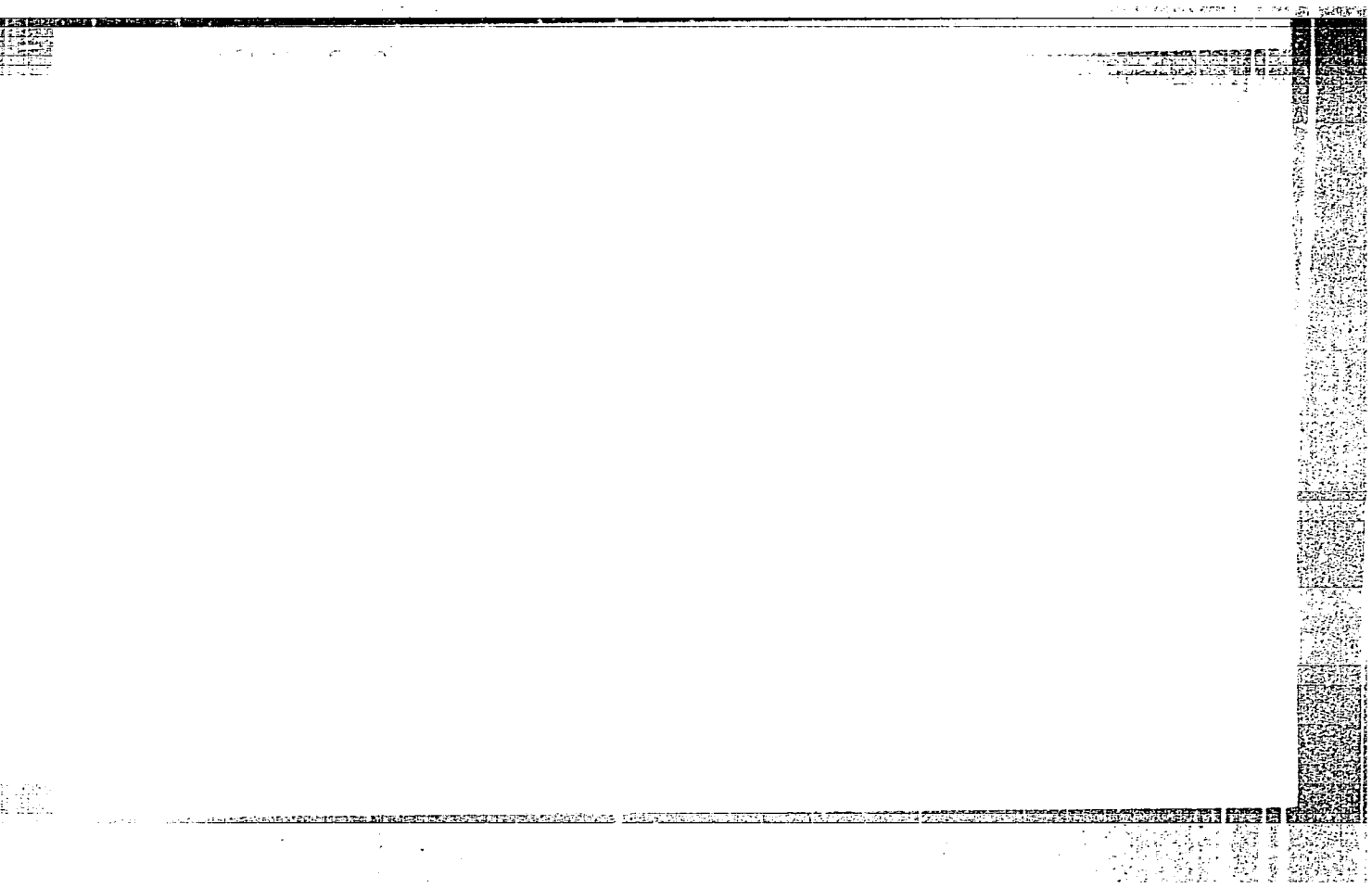
Presented by : Academician A. V Topchiev, January 29, 1955

Card 2/2 Pub. 22 - 25/54

Periodical : Dok. AN SSSR 102/5, 947-948, Jun 11, 1955

Abstract : activation of CO was proven by the specific reaction leading to the decomposition of CO into C and CO_2. Three references: 2 USSR and 1 Germ. (1949-1955).





APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000930420017-5"

LOKTEV, S.M.

High-temperature reduction of fused iron catalyst for hydrocarbon synthesis from carbon monoxide and hydrogen. A. N. Bashkirov, Yu. B. Kagan, Yu. B. Kryukov and S. M. Loktev. [illegible]

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LOKTEV, S.M.

USSR/Chemical Technology - Chemical Products and Their Application. Treatment of natural gases and petroleum. Motor fuels. Lubricants. I-13

Abs Jour : Referat Zhur - Khimiya, No 4, 1957, 12955

Author : Bashkirov A.N., Loktev S.M., Khotimskaya M.I.
Title : Composition of Synthesis Products from CO and H_2 over Kieselguhr Catalysts

Orig Pub : Khimiya, i tekhnologiya topliva, 1956, No 5, 18-22

Abstract : Presented are the results of investigation of the compotion of gaseous and liquid products of the synthesis from CO and H_2, obtained with a catalyst of kieselguhr + 5% K_2CO_3, at a pressure of 30 atmospheres, space velocity 100 $hour^{-1}$, and temperatures of 350, 400 and 450°. It is shown that liquid products of the synthesis from CO and H_2 consist of hydrocarbons (H) with a small admixture of oxygen-containing compounds. Gasoline fractions of the synthesis contain a small amount of the latter

Card 1/2 Inst Petroleum 250 - AS USSR

Abs Jour : Referat Zhur - Khimiya, No 4, 1967, 12955

(5.68 - 8.05%) with mostly alcohols and carbonyl compounds. After removal of oxygen-containing compounds, the gasoline fractions contain ~ 60% Olefinic, 6-7% aromatic and 33-36% paraffinic H; their octane ratings, according to motor method are 76-81. In the hydrogenated gasoline fraction have been detected, by the Raman method, in addition to normal paraffin H, also isoparaffin and naphthenic H. The gaseous products (gasol) of the synthesis contain 60% unsaturated H, and 45-55% of the gasol consist of C_3 hydrocarbons.

LOKTEV S.M.

USSR/Kinetics - Combustion. Explosions. Topochemistry. Catalysis. B-9

Abs Jour : Referat Zhur - Khimiya, No 6, 1957, 18633

Author : A.N. Bashkirov, S.M. Loktev.
Inst : Academy of Sciences of USSR.
Title : Reduction of Fused Iron Catalysts for Synthesis of Hydrocarbons from CO and H_2 by Carbon Monoxide at High Temperatures.

Orig Pub : Izv. AN SSSR, Otd. tekhn. n., 1956, No 8, 138-139

Abstract : Catalysts possessing a high activity and stability at the synthesis process of hydrocarbons from CO and H_2 are produced by the reduction of fused iron catalysts activated with Al_2O_3, SiO_2 and K_2CO_3, by carbon monoxide at 900 to 1150° and the volumetric speed of 2000 to 5000 hours^{-1}. These catalysts are not worse than the catalysts reduced in H_2 as far as all the indices are concerned, but they are even better in some respects (for example, in respect of the yield of liquid products). The authors are of the

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LOKTEV, S.M.

B-9

USSR/ Physical Chemistry - Kinetics. Combustion. Explosives. Topochemistry. Catalysis

Abs Jour : Referat Zhur - Khimiya, No 4, 1957, 11286

Author : Bashkirov A.N., Loktev S.M., Sabirova G.V.
Inst : Institute of Petroleum, Academy of Sciences USSR
Title : Study of Catalytic Activity of Some Metal Oxides in the Synthesis from Carbon Monoxide and Hydrogen

Orig Pub : Tr. In-ta nefti AN SSSR, 1956, 8, 168-175

Abstract : Study of catalytic activity of oxides of Pb, Sn, Cd, Mo, W, Cr, Si, Mn, Ti, V, Al, Mg, Sr, Th (with addition 0.5-5% K_2CO_3) in the reaction of synthesis of hydrocarbons from mixture CO : H_2 = 1 : 1 in circulation system at 300-500°, and 30 atm pressure (250 atm in the case of ThO_2 and Al_2O_3) at space velocities 100-150 hour^{-1}. Oxides of Pb, Sn, and Cd, under the above-stated conditions are reduced to the metal and their activity is very slight. Catalyst based on oxides of Mo, W. Si, Mn, V, Mg show high activity but produce mostly gaseous hydrocarbons. Catalysts based on oxides of Ti and Sr were found to be inactive. Highest activity is exhibited by SiO_2 + 2% K_2CO_3, the yield of liquid reaction products

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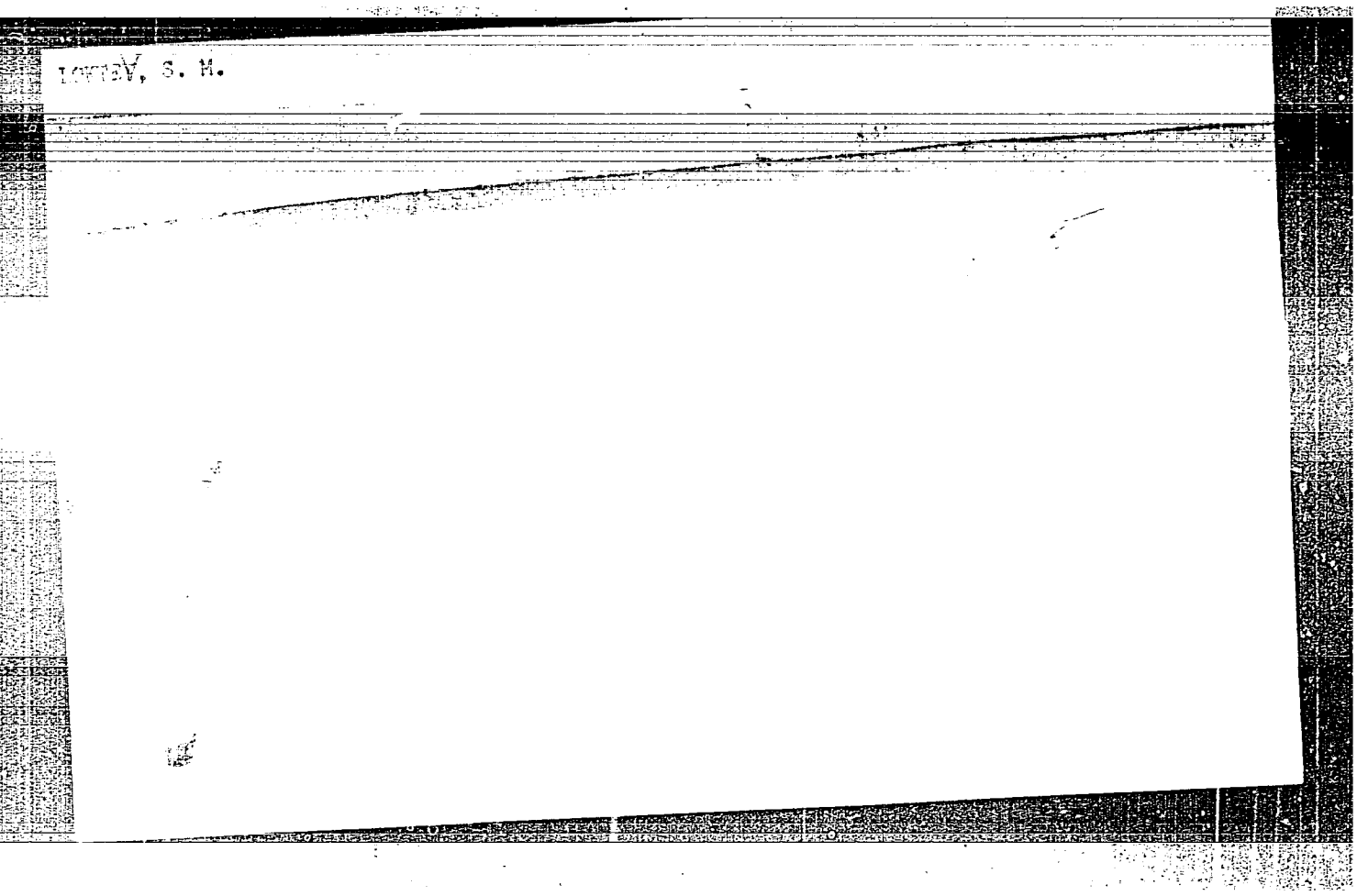
USSR/ Physical Chemistry - Kinetics. Combustion. Explosives. Topochemistry. Catalysis

Orig Pub : Referat Zhur - Khimiya, No 4, 1957, 11286

with this catalyst being of 30-60 g/m^3. Granulated K_2CO_3, and also K_2CO_3 deposited on activated charcoal, are inactive. It is noted that all catalysts of the synthesis based on CO and H_2 must possess the property of activating the CO molecule.



KRENTSEL', B.A. (Moskva); LOKTEV, S.M. (Moskva)

Production of chemicals from petroleum. Khim.v shkole 11 no.4: 7-18 Jl '56. (Petroleum products) (MLRA 9:9)

LOKTEV, S.M., kandidat khimicheskikh nauk (Moskva)

Chemical synthesis based on carbon dioxide. Priroda 45 no.6:75-78 Je '56. (MLRA 9:8)

1. Institut nefti Akademii nauk SSSR.
(Carbon dioxide) (Synthetic products)

KRENTSEL', B.A.; LOKTEV, S.M.

Polyethylene. Priroda 45 no.10:14-22 O '56. (MLRA 9:11)
(Ethylene)

BASHKIROV, A.N.; KAGAN, Yu.B.; LOKTEV, S.M.; MOROZOV, N.G.

Use of iron ore catalysts in the synthesis based on carbon monoxide and hydrogen. Trudy inst. nefti. 10:234-246 '57. (MIRA 11:4)

(Catalysts) (Hydrocarbons)

LOKTEV, S.M.

KAGAN, Yu.B.; BASHKIROV, A.N.; KRYUKOV, Yu.B.; LOKTEV, S.M.

Formation of the active surface of fused iron catalysts for synthesis from CO and H_2. Khim i tekh. topl. i masel 3 no.3: 14-22 Mr '58. (MIRA 11:3)

1.Institut nefti AN SSSR.
(Catalysts) (Iron oxides) (Hydrocarbons)

SOV/ 65-58-7-7/12

AUTHORS: Bashkirov, A. N; Loktev, S. M. and Sabirova, G. V.

TITLE: Hydrogenation of Aldehydes and Ketones in Mixtures With Other Organic Compounds. (Gidrirovaniye al'degidov i ketonov v smesyakh s drugimi organicheskimi soyedineniyami).

PERIODICAL: Khimiya i Tekhnologiya Topliv i Masel, 1958, Nr.7. pp. 39 - 45. (USSR).

ABSTRACT: The authors investigated the selective hydrogenation of compounds containing a carbonyl group to aliphatic alcohols(especially C_5 - C_{20}). Starting materials used were liquid products obtained during synthesis from CO and H_2, fractions of these products, or individual aldehydes and ketones (Table 1). The hydrogenation was carried out in a continuous process. Copper-chrome-barium and nickel-magnesium oxalate, as well as fused iron catalysts, were used (70 - 75 cm^3). Details of the preparation of the above catalysts are given. Table 2 gives results obtained during the hydrogenation over a copper-chrome-barium catalyst at 100 atms, at various temperatures. Experimental conditions during these experiments were those described by H. Adkins (Ref.3) and D. M. Rudkovskiy (Ref.9). Table 3: results obtained during the hydrogenation over nickel-magnesium oxalate catalysts at atmospheric pressure and

Card 1/2

Hydrogenation of Aldehydes and Ketones in Mixtures With Other Organic Compounds.

50°C. Iron catalysts were first investigated by V. N. Ipat'yev (Ref.2, 18 and 19). However, the yield of alcohols was low, and the yield of decomposition products high. Very good results were obtained when the hydrogenation was carried out over fused iron catalysts at pressures above 100 atms, and at a temperature of 200°C. Table 4: data on the hydrogenation over Fe_3O_4 + MoO_3. When lithium-aluminium hydride was used in ether solution (Table 5), it was possible to achieve practically complete reduction of the carbonyl and also of other oxygen-containing compounds to alcohols. Yields of alcohols range between 70% - 80% for copper-chrome-barium and nickel-magnesium-oxalate catalysts and 90% - 98% for fused iron catalysts. There are 5 Tables, 19 References: 11 Soviet, 3 English and 5 German.

ASSOCIATION: Institut nefti AN SSSR (Petroleum Institute of the Academy of Sciences of the USSR).

Card 2/2 1. Aldehydes--Hydrogenation 2. Ketones--Hydrogenation 3. Organic compounds--Hydrogenation

AUTHORS: Kagan, Yu. B., Bashkirov, A. N., Kryukov, Yu. B., Loktev, S. M., Orlova, N. A. SOV/62-58-10-19/25

TITLE: On the Mechanism of the Catalytic Efficiency of Fused Iron Catalysts in the Synthesis of CO and H_2 (O mekhanizme kataliticheskogo deystviya plavlenykh zheleznykh katalizatorov sinteza iz CO i H_2)

PERIODICAL: Izvestiya Akademii nauk SSSR. Otdeleniye khimicheskikh nauk, 1958, Nr 10, pp 1274 - 1275 (USSR)

ABSTRACT: In an earlier paper the authors showed that immediately after the reduction (by hydrogen at 1000°) fused iron catalysts in the hydrocarbon synthesis of CO and H_2 are not active any more. Only under the working conditions of the synthesis when the gas mixture $CO+H_2$ is passed through the catalyst gradually becomes active (for 10-20 hours). This phenomenon may be explained by a number of simultaneous reactions competing with each other. Due to the course of these reactions competing with each other the metallic iron regenerates often (under the conditions of the synthesis) from its

Card 1/2

On the Mechanism of the Catalytic Efficiency of Fused Iron Catalysts in the Synthesis of CO and H_2 SOV/62-58-10-19/25

compounds, and at the surface of the operating catalyst the dynamic equilibrium of the surface phases of different chemical structure is obtained. As a consequence of these processes the activation of the catalyst occurs. Neither the iron itself nor compounds that might be formed from it are the reason for the activation of the catalyst surface. The hypothesis formed for the chain mechanism of the catalytic efficiency of iron catalysts (according to which the synthesis of CO and H_2 is caused by the reactions of carbon and hydrogen monoxide with iron and its compounds on the surface of the operating catalyst) was described in detail by the authors. There are 1 table and 1 reference, which is Soviet.

ASSOCIATION: Institut nefti Akademii nauk SSSR (Petroleum Institute AS USSR)

SUBMITTED: April 8, 1958

Card 2/2

KAGAN, Yu.B.; BASHKIROV, A.N.; LOKTEV, S.M.; MOROZOV, N.G.; ORLOVA, N.A.

Effect of the introduction of ferroalloys on the activity and stability of fused iron catalysts for synthesis based on CO and H_2. Trudy Inst. nefti 12:228-239 '58. (MIRA 12:3)

(Catalysts) (Iron alloys) (Chemistry, Organic--Synthesis)

SOV/25-59-8-8/42

AUTHOR: Loktev, S.M., Candidate of Chemical Sciences, Senior Scientific Worker

TITLE: Higher Fatty Alcohols (VZhS)

PERIODICAL: Nauka i zhizn', 1959, Nr 8, pp 17 - 22 (USSR)

ABSTRACT: The author deals with higher fatty alcohol obtained from the oxidation of paraffin as well as from coal and natural gas, reducing the consumption of edible fats for technical purposes and making the production of higher alcohol economical. He points out that this alcohol has so far been obtained primarily from sperm-whale fat, the yield of which was 500,000 tons yearly. He mentions the appearance of the so called "sulfonated fatty alcohol", which induced the scientists to develop chemical methods of obtaining higher alcohol as the resources of sperm-whale fat are limited. At present, higher fatty alcohol is produced on a large scale; the annual world production exceeds 100,000 tons.

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Higher Fatty Alcohols (VZhS)

The author outlines some of the purposes for which this alcohol and the products of its processing are being used. Among the latter, those possessing the property to reduce the surface tension of water are considered as the most important. The Seven Year Plan foresees a considerable increase in the production of substances which lower surface tension, including those obtained on the basis of higher alcohol. The author lists the purposes for which these substances are used. He also deals with natural fats (liquid vegetable oil) and describes 2 known methods by which higher alcohol is derived. The deficiency of these methods is that the most valuable foodstuff - fat - is used as a raw material. The annual consumption of vegetable and animal fats for technical purposes in the USSR is half a million tons, which could be used for human nutrition. The use of non-edible raw material for the production of the required products is re-

Higher Fatty Alcohols (VZhS)

garded as a way out of the situation. Petroleum, natural gas, coal and the products derived from their processing are examples of such raw material. Thanks to the attention this problem is being given in the USSR, at least 400,000 tons of edible fats will be released for human nutrition by using substitutes and synthetic detergents in 1965. A method known as "oxosynthesis " (oksosintez), by which higher alcohol is derived from products of processing petroleum and coal, is used in the US and other countries. Reference is made to the method of oxidation of paraffin discovered by the Soviet scientist Professor A.N. Bashkirov in 1946. The high molecular spirits obtained by this method can be applied in various branches of engineering, and be re-processed into many valuable products. One ton of this alcohol used for technical purposes will save about 3 tons of natural fats, and will be 2 to 3 times cheaper than

SOV/25-59-8-8/43

Higher Fatty Alcohols (VZhS)

the higher alcohol obtained from sperm-whale fat or vegetable oil. There are 6 drawings.

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