18 (0)

AUTHOR: Adrianova, V. F., Editor SOV/131-59-6-15/15

TITLE: The Small Reference Work for the Metallurgist (Kratkiy spravochnik metallurga)

PERIODICAL: Ogneupory, 1959, Nr 6, Rear Outside Cover (USSR)

ABSTRACT: This reference book shall be published in the 4th quarter of 1959 by the Metallurgizdat. It will contain general data on physical chemistry, mathematics, power engineering and other technical data necessary for the metallurgist. Communications are made on refractories, the production of pig iron, iron alloys, and steels, as well as on the rolling and tube rolling production. The mentioned communications contain theoretical problems as well as practical data. The fundamentals of thermal processing and automation, as well as the main standards and the technical conditions for pig iron, iron alloys, steel and tubes are briefly dealt with. The characteristics of fuels which are used in metallurgy, their classification and their recomputation formulas are also mentioned. This reference book is intended for large circles of workers, specialists, metallurgists, students and scientists. It is requested to place copy orders in the local shops of the Knigotorg in time.

Card 1/1

ADRIANOVA, V.P.; ANDREYEV, T.V.; ARANOVICH, M.S.; BARSKIY, B.S.; GROMOV, N.P.; GUREVICH, B.Ye.; IVORIN, S.S.; YERMOLAYEV, N.F.; ZVOLINSKIY, I.S.; KABLUKOVSKIY, A.F.; KAPELOVICH, A.P.; KASHCHENKO, D.S.; KLIMOVITSKIY, M.D.; KOLOSOV, M.I.; KOROLEV, A.A.; KOCHINEV, Ye.V.; LESKOV, A.V.; LIVSHITS, M.A.; MATYUSHINA, N.V.; MOROZOV, A.N.; POLUKAROV, D.I.; RAVDEL', P.G.; ROKOTYAN, Ye.S.; SMOLYARENKO, D.A.; SOKOLOV, A.N.; USHKIN, I.N.; SHAPIRO, B.S.; EPSHTEYN, Z.D.; AVRUTSKAYA, R.F., red. izd-va; KARASEV, A.I., tekhn.red.

[Brief handbook on metallurgy, 1960] Kratkii spravochnik metallurga, 1960. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 369 p. (MIRA 13:7)
(Metallurgy)

ADRIANOVA, V F.

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PHASE I BOOK EXPLOITATION SOV/5556

Moscow. Institut stali.

Novoye v teorii i praktike proizvodstva martenovskoy stali (New [Developments] in the Theory and Practice of Open-Hearth Steelmaking) Moscow, Metallurgizdat, 1961. 439 p. (Series: Trudy Mezhvuzovskogo nauchnogo soveshchaniya) 2,150 copies printed.

Sponsoring Agency: Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya RSFSR. Moskovskiy institut stali imeni I. V. Stalina.

Eds.: M. A. Glinkov, Professor, Doctor of Technical Sciences, V. V. Kondakov, Professor, Doctor of Technical Sciences, V. A. Kudrin, Docent, Candidate of Technical Sciences, G. N. Oyks, Professor, Doctor of Technical Sciences, and V. I. Yavoyskiy, Professor, Doctor of Technical Sciences; Ed.: Ye. A. Borko; Ed. of Publishing House: N. D. Gromov; Tech. Ed.: A. I. Karasev.

PURPOSE: This collection of articles is intended for members of scientific institutions, faculty members of schools of higher education, engineers concerned with metallurgical processes and physical chemistry, and students specializing in these fields.

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New [Developments] in the Theory (Cont.) SOV/5556

COVERAGE: The collection contains papers reviewing the development of open-hearth steelmaking theory and practice. The papers, written by staff members of schools of higher education, scientific research institutes, and main laboratories of metallurgical plants, were presented and discussed at the Scientific Conference of Schools of Higher Education. The following topics are considered: the kinetics and mechanism of carbon oxidation; the process of slag formation in open-hearth furnaces using in the charge either ore-lime briquets or composite flux (the product of calcining the mixture of lime with bauxite); the behavior of hydrogen in the open-hearth bath; metal desulfurization processes; the control of the open-hearth thermal melting regime and its automation; heat-engineering problems in large-capacity furnaces; aerodynamic properties of fuel gases and their flow in the furnace combustion chamber; and the improvement of high-alloy steel quality through the utilization of vacuum and natural gases. The following persons took part in the discussion of the papers at the Conference: S.I. Filippov, V.A. Kudrin, M.A. Glinkov, B.P. Nam, V.I. Yavoyskiy, G.N. Oyks and Ye. V. Chelishchev (Moscow Steel Institute); Ye. A. Kazachkov and A. S. Kharitonov (Zhdanov Metallurgical Institute); N.S. Mikhaylets (Institute of Chemical Metallurgy of the Siberian Branch of the Academy of Sciences USSR); A.I. Stroganov and D. Ya. Povolotskiy (Chelyabinsk Polytechnic Institute); P.V. Umrikhin (Ural Polytechnic Institute); I.I. Fomin (the Moscow "Serp i molot" Metallurgical Plant); V.A. Fuklev (Central Asian Polytechnic Institute).

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and M.I. Beylinov (Night School of the Dneprodzerzhinsk Metallurgical Institute). References follow some of the articles. There are 268 references, mostly Soviet.

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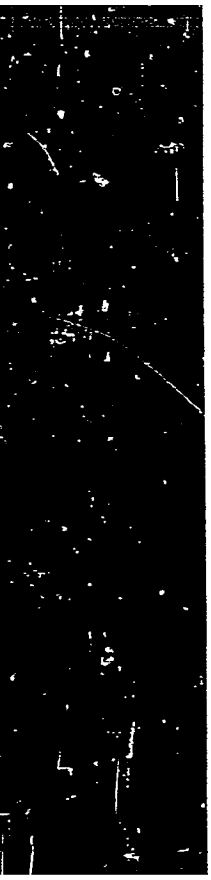

KUDRIN, V.A.; OYKS, G.N.; SOROKIN, S.P.; NECHKIN, Yu.M.; GLUSHTSOV, M.V.; NAM, B.P.; LAPSHOVA, M.P.; YUDSON, A.A.; PETRENKO, O.D.; ADRIANOVA, V.P.

Smelting high-grade steel in open-hearth furnaces fired with natural gas. Stal' 20 no. 7:599-602 Jl '60. (MIRA 14:5)
(Open-hearth furnaces--Equipment and supplies)

KHRIPKO, Ye.G.; ADRIANOVA, V.P.; SHAPOVALOV, N.A.

Use of natural gas in ferrous metallurgy. Izv. vys. ucheb. zav.; chern. met. 5 no.9:5-9 '62. (MIRA 15:10)
(Iron and steel plants) (Gas, Natural)

ADRIANOVSKAYA, Yu.A. (Perm')

Changes in the periodic activity of the stomach during fasting in experimental tuberculosis in dogs. Pat.fiziol. i eksp.terap. 2 no.6:48 N-D '58. (MIRA 12:1)

1. Iz kafedry patologicheskoy fiziologii (nauchnyy rukovoditel' - prof. G.V. Peshkovskiy) Permskogo meditsinskogo instituta.
(TUBERCULOSIS, exper.
changes in periodic activity of stomach in fasting in dogs (Rus))
(STOMACH, physiol.
changes in periodic activity in exper. tuberc. in fasting dogs (Rus))
(FASTING, exper.
changes in periodic activity of stomach in exper. tuberc. in fasting dogs (Rus))

SUKHORUKOV, B.Z., dotsent; ADRIANOVSKIY, A.F., assistent

Sixtieth birthday of Professor Dmitrii Efimovich Gol'dshtein, honored scientist of the Tatar A.S.S.R. Vest.rent.i rad. 34 no.2:99 Mr-Ap '59. (MIRA 13:4)

(GOL'DSHTEIN, DMITRII EFIMOVICH, 1899-)

ADRIANOVSKIY, A.F.; GOL'DSHTEYN, D.Ye., prof.; GOL'DSHTEYN, M.I.; MITTEL'BERG, Ya.B.; SUKHORUKOV, B.Z.; FAYZULLIN, M.Kh., prof.

Seventh All-Union Congress of Radiologists. Kaz.-med.zhur. 40 no.2:99-102 Mr-Ap '59. (MIRA 12:11)

1. Zasluzhennyy deyatel' nauki Tatarskoy ASSR (for D.Ye.Gol'dshteyn).

(RADIOLOGY, MEDICAL--CONGRESSES)

ADRIANOVSKIY, A.F., assistent

Rare case of finding a sweing needle in the brain. Kaz.med.zhur. 40 no.5:85-87 S-O '59. (MIRA 13:7)

1. Iz 2-y kafedry rentgenologii i radiologii (zav. - prof. D.Ye. Gol'dshteyn) Kazanskogo gosudarstvennogo instituta dlya usovershenstvovaniya vrachey imeni V.I. Lenina.
(BRAIN--FOREIGN BODIES)

USSR/Medicine - Silicosis May 49
Medicine - Industry and Occupation

"Silicosis in a Chromite Mine and Countermeasures," Z. M. Andriyevskaya, M. M. Mislavskaya, Hosp Therapeutic Clinic, Chair of Labor Hygiene, Molotov Med Inst, 3 pp

"Gig i San" No 5

Studied case histories of silicosis among miners of Saranovskiy Chromite Mine in 1948, analyzed quantity of dust particles in shafts of the mine, and discussed relative merits of wet and dry-boring methods. Wet method reduces dust to one twentieth but gets the hands of drillers wet and compels them to stand in

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USSR/Medicine - Silicosis (Contd) May 49

water in the pit, which is especially unhealthy during winter when the temperature goes down to zero. Suggests developing a device to permit wet drilling without getting the driller wet.

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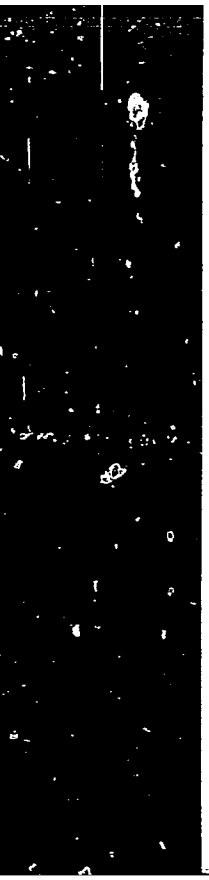
ADRJANSKI, STANISŁAW.

Sluzba liniowa na srodladowych drogach wodnych; wiadomosci podstawowe. (Wyd. 1.) Warszawa, Wydawn. Komunikacyjne, 1956. 215 p. (Maintenance of inland waterways; basic information. 1st ed. illus. (part col.), bibl., diagrs., footnotes, forms, tables.)

SO: Monthly Index of East European Accession (EEAI) LC Vol. 7, No. 5, 1958



ADROV, M. I., SHARSHIN, N. N., KLIMOV, V. D.

Lumber Trade

"Syurekskiy" Lumber Enterprise practices. Mekh.trud.rab., 6, No. 3, 1952.

9. Monthly List of Russian Accessions, Library of Congress, June 1952, Uncl.

VARTIKOVSKIY, G.L.; ORLOV, I.I.; MAKSIMOV, V.I.; ADROV, M.I., red.

[Tree years' results (1959-1961) of forecasting the tar production of the pine forests of the Tyumen' Economic Council, and the forecast of tar production for the 1962 tapping season]. Trekhletnie itogi prognozirovaniia smoloproduktivnosti sosnovykh lesov Tiumenskogo sovnarkhoza, 1959-1961 gg. i prognoz smoloproduktivnosti dlia sezona podsochki 1962 g. Tiumen', TSentr. biuro tekhn. informatsii, 1962. 14 p. (MIRA 16:5)
(Tyumen' Province--Turpentining)

ADROV, M. M.

Hydrological study of the Newfoundland Industrial region, Nauchno-tekhn. byul. Polyarn. n.i. in-ta morsk. rybn. kh-va i okeanogr (Sci.Tech. Bulletin of the Polar Scientific Res. Inst. of Marine Fish Economy and Oceanography, No. 4, 1957, PP 36-42 RZh Geogr 8/58, 19745

ADROV, M. M.

Hydrological regime in the southern part of the Grand Bank of Newfoundland, Nauchno-tekhn. byul. Polyarn. n.-i. in-ta morsk. rybn. kh-va i okeanogr. (Sci. and Tech Bull. of the Polar Scientific Res. Inst. of Marine Fishing Economy and Oceanography), No 1 (5), 1958, p. 28-36; RZhGeog 3-59-6890

ADROV, M. M.

ADROV, M.M.

Oceanographic work of the Polar Scientific Research Institute of Marine Fisheries and Oceanography in the region of the West Greenland Banks, Labrador, and Newfoundland (1954-1959). Biul. Okean.kom. no.6:59-61 '60. (MIRA 14:7)
(Atlantic Ocean—Oceanographic research)

ADROV, M.M.

Hydrological conditions in the central uplift region of the Barents Sea. Okeanologiia 2 no.6:999-1008 '62. (MIRA 17:2)

1. Laboratoriya okeanografii Polyarnogo nauchno-issledovatel'skogo instituta morskogo rybnogo khozyaystva i okeanografii.

ALEKSEYEV, A.P., otv. red.; ADROV, M.M., spets. red.; KONSTANTINOV, K.G., spets. red.; KUTAKOV, B.G., red.; MASLOV, N.A., red.; MINDER, L.P., red.; NIKOL'SKIY, L.S., red.; STAROVOYTOV, P.A., red.; SURKOV, S.S., red.; KHRANOVSKIY, A.Yu., red.; YUDANOV, I.G., red.; VOROB'YEV, A.T., red.

[Materials of the session of the Scientific Council of the Arctic Scientific Research Institute of Marine Fisheries and Oceanography dealing with the results of research in 1962-1963] Materialy sessii Uchenogo soveta PINRO po rezul'tatam issledovanii v 1962-1963 gg. Murmansk, 1964. 237 p. (MIRA 18:1)

1. Murmansk. Polyarnyy nauchno-issledovatel'skiy i proyektnyy institut morskogo rybnogo khozyaystva i okeanografii. 2. Direktor Polyarnogo nauchno-issledovatel'skogo i proyektnogo instituta morskogo rybnogo khozyaystva i okeanografii, Murmansk (for Alekseyev). 3. Laboratoriya vosproizvodstva Polyarnogo nauchno-issledovatel'skogo i proyektnogo instituta morskogo rybnogo khozyaystva i okeanografii, Murmansk (for Adrov). 4. Laboratoriya tekhniki promyshlennogo rybolovstva Polyarnogo nauchno-issledovatel'skogo i proyektnogo instituta morskogo rybnogo khozyaystva i okeanografii, Murmansk (for Starovoytov).

[illegible] (U.S.S.R.), 28, 271 (1956) (Engl. translation); cf. C.A. 50, 793f.—A study of the conversion of EtOH over Cu catalyst (reduced with H at 200-50°) on large laboratory scale showed that pptd. Cu catalyst which is activated with ThO, is satisfactory for the prepn. of ketones. At 280-320° there is formed only Me_2CO, while at 330-50° both Me_2CO and AcPr are formed. The yields are 15% and 10%, resp., based on input of EtOH. An increase of contact time from 20 sec. to 40 sec. increases the yield of AcPr and reduces that of Me_2CO. At higher temps. and longer contact time there are also formed higher ketones such as Pr_2CO, AcAm comprising 8-10% yield. Me_2CO formed in the reaction under the exptl. conditions enters self-condensation reactions yielding iso-BuAc and higher ketones.

G. M. Kosolapoff

(2)

AID P - 3425

Subject : USSR/Chemistry

Card 1/1 Pub. 152 - 10/18

Authors : Bolotov, B. A., P. M. Adrov, and L. K. Prokhorova

Title : Catalytic transformations of n-propyl and n-butyl alcohols

Periodical : Zhur. prikl. khim., 28, 5, 516-522, 1955

Abstract : Experiments were carried out with copper catalysts activated by ThO_2, MnO, Al_2O_3. At 250°C, the alcohols were transformed into esters (40-45%); at 325°C, sym. ketones (45%) were formed (catalyst, Cu-ThO_2). At 400-425°C, ketones were formed (36%) (catalyst, Cu-MnO-Al_2O_3). Five tables, 4 diagrams, 3 references, 2 Russian (1955).

Institution : None

Submitted : No date

A Drod, P. M.

P. S.

5(2) PHASE I BOOK EXPLOITATION SOV/2946

Leningrad. Universitet

Voprosy khimii (Problems in Chemistry) [Lengingrad] Izd-vo Leningradskogo univ., 1959. 160 p. (Series: Its: Uchenyye zapiski, no. 272) (Series: Leningrad. Universitet. Khimicheskiy fakultet. Uchenyye zapiski. Seriya khimicheskikh nauk, vyp. 18) 1,600 copies printed.

Resp. Ed.: A. G. Morachevskiy; Ed.: Ye. V. Shchemeleva; Tech. Ed.: S. D. Vodolagina.

PURPOSE: This book is intended for chemists in research and industry as well as for teachers and students in chemical vuzes.

COVERAGE: This collection of eighteen articles on various branches of chemistry, mainly physical and analytical, was compiled on the basis of experimental research by the Chemistry Department of Leningrad University. The articles deal chiefly with methods of isolating rare earths in pure form and identifying them. No

Card 1/5

ADROV, P.M.

Accelerated method of decomposing cassiterite and the determination of tin in tin-bearing ores. Uch.zap.LGU no.272: 145-148 '59. (MIRA 13:1)
(Cassiterite) (Tin--Analysis)

ADYROV, P.V., aspirant

Fields of friction forces in the drawing mechansims. Tekst. prom. 21 no. 4:19-23 Ap '61. (MIRA 14:7)

1. Moskovskiy tekstil'nyy institut.
(Spinning machinery)