

Methods of Manufacture and Repair (Cont.)

SOV/1898

SECTION 4. ASSEMBLY AND TESTING THE FUEL-INJECTION EQUIPMENT

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AVAILABLE: Library of Congress

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POPOV, V., kand. tekhn. nauk; YEVSIKOV, A.[✓], kand. tekhn. nauk.

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(Clutches (Machinery))
(Brakes)

ABELEVICH, A.A.; ARTEM'YEV, Yu.N.; VLASOV, A.P.; GAL'PERIN, A.S.; YEVSNIKOV,
A.V.; IVANOV, G.P.; KOROLEV, N.A.; LEVITSKIY, I.S.; LIVSHITS, L.G.;
MEIKOV, M.P.; NAZAROV, N.I.; NOVIKOV, M.P.; POPOV, V.Ya.; TEPLOV,
A.G.; BAKHAREV, A.P., inzh., retsenzent; SAVEL'YEV, Ye.Ya., red. izd-
va; MODEL', B.I., tekhn. red.; EL'KIND, V.D., tekhn. red.

[Technological aspects of the repair of crawler vehicles] Tekhnologiya remonta gusenichnykh mashin. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry 1960. 466 p. (MIRA 14:7)
(Crawler vehicles--Maintenance and repair)

VORONTSOV, Ivan Alekseyevich; YEVSikov, Anatoliy Vasil'yevich; POPOV, Viktor Yakovlevich; TARTAKOVSKIY, Il'ya Borisovich; YEFREMOV, V.V., doktor tekhn. nauk, prof., retsenzent; BASENTSYAN, A.A., inzh., red.; EL'KIND, V.D., tekhn. red.

[Techniques and equipment for repairing V2-300 and D6 high-speed diesel engines] Tekhnologiya remonta bystrokhodnykh dizel'ei tipa V2-300 i D6. Izd.2., dop. i perer. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 467 p. (MIRA 14:11)
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BELYAYEV, D.K.; YEVSIKOV, V.I.

Pseudocatalytic relations of some color genes in the mint (*Mentha
viridis* Schreb.). Genetika no.3:3-10 S '65.

(MIRA 18:12)

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AN SSSR, Novosibirsk. Submitted July 5, 1965.

BEIZAYEV, D.K.; YEVSIKOV, V.I.

Effect of the heterozygotic nature of the maternal organism on the vitality of the progeny. Dokl. AN SSSR 146 no.6:1414-1417 0 '62.
(MIRA 15:10)

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Predstavleno akademikom Yu.A. Orlovym.
(MINK BREEDING) (HEREDITY)

BULAKH, Ye.G.; YEVSIKOVA, L.G.

One integral method of interpreting gravity and magnetic anomalies. Izv. AN SSSR Ser. geofiz. no.1:90-94 Ja '62.
(MIRA 15:2)

1. AN USSR, Institut gornogo dela.
(Gravity prospecting)
(Magnetic prospecting)

BULAKH, Ye.G.; YEVSIKOVA, L.G.

Theoretical curves of the gravity anomalies over dome
structures. Geofiz. sbor. no.8:59-62 '64. (MIRA 18:6)

1. Institut geofiziki AN UkrSSR.

KOBELEV, N.; YEVSikov, P.

Applying progressive practices. Vest. ugl. no.10:18 0 '59
(MIRA 13:3)

1. Predsedatel' Permskogo oblastnogo komiteta profsoyuza rabochikh
ugol'noy promyshlennosti (Kobelev). 2. Zaveduyushchiy otделom
truda i zarabotnoy platy obkoma (for Yevsikov).
(Coal mines and mining--Labor productivity)

KOBELEV, N.; YEVSIKOV, P.

Under new labor conditions. Mast.ugl. 8 no.3:10 Kr '59.
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promyshlennosti (for Yevsikov).
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YEVSIKOV, P., BELGOV, K.

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(Kizel Basin--Coal miners)

YEVSikov, P.

Our assistance to farms. Sov.shakht. 10 no.5:3-4 My '61.
(MIRA 14:9)

1. Predsedatel' Permskogo oblastnogo komiteta profsoyuza.
(Farm mechanization) (Perm Province--Coal miners)

BULAKH. Ye.G. [Bulakh, IE.H.]; YEVSIKOVA, L.G. [IEvsikova, L.H.]

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(MIRA 18:5)

1. Institut gornoy mekhaniki i tekhnicheskoy kibernetiki i
Institut geofiziki AN UkrSSR.

YEVSIKOVA, Z. F.;

TISHINA, Ye.N., kand.med.nauk; YEVSIKOVA, Z.F.; MAKAROV, V.N.

Paroxysmal tachycardia in a two-and-a-half-year-old child, complicated by hemiplegia and infarct-type changes in the electrocardiogram [with summary in English]. *Pediatrics* 36 no.1:74-78 Ja '58. (MIRA 11:2)

1. Iz kliniki propedevtiki detskikh bolezney II Moskovskogo meditsinskogo instituta (zav. kafedroy - prof. V.A.Vlasov) na baze Detskoy bol'nitsy imeni N.F.Filatova (glavnyy vrach M.N.Kalugina)
(ARRHYTHMIA) (PARALYSIS) (CHILDREN--DISEASES)

TSVILLING, M.Ya.; YAKHONTOV, Yu.A.; ISKRITSKAYA, L.I.; MOLODETS, V.N.;
YEVSIN, A.D.; BLEDNIEV, A.I., dotsent, kand.voyenno-morskikh
nauk, kapitan 1 rango, red.; KRUPENNIKOVA, I.A., red.;
YAKIMOVICH, Yu.K., red.-leksikograf; KUZ'MIN, I.F., tekhn.red.

[German-Russian naval dictionary] Nematsko-russkii voyenno-morskoi
slovar'. Sost.M.IA.TSvilling i dr. Pod obshchei red. A.I.Bledneva.
Moskva, Voen.izd-vo M-va obor.SSSR, 1961. 456 p.

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YEVSIN, Aleksandr Dmitriyevich; TOROCHESHNIKOV, N.S., kand. tekhn.
nauk, dots., nauchn. red.; KAZNINA, L.A., red.; CHERNYSHEVA,
O.A., tekhn. red.

[Organization of scientific research work in chemistry in
the German Federal Republic] Organizatsiia nauchno-
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Vses. in-t nauchn. i tekhn. informatsii, 1963. 83 p.
(MIRA 16:10)

(Germany, West--Chemical research)

STARUKHIN, N.M., nauchnyy sotrudnik; SHUE'GINOVA, M.N., nauchnyy sotrudnik;
SOLOV'YEVA, T.P., nauchnyy sotrudnik. Primala uchastiye YEVSINA,
A.I., starshiy tekhnik. SKVORTSOVA, I.P., rad.izd-va; TEMEINA,
Ye.L., tekhn.red.

[Construction of an experimental residential block in Moscow]
Opyt stroitel'stva eksperimental'nogo zhilogo kvartala v Moskve.
Moskva, Gos.izd-vo lit-ry po stroit., arkhitekt. i stroit.materialam,
1959. 110 p. (MIRA 13:2)

1. Akademiya stroitel'stva i arkhitektury SSSR. Institut organi-
zatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stvu.
2. Sektor organizatsii zhilishchnogo stroitel'stva i tekhnologii
proizvodstva rabot Nauchno-issledovatel'skogo instituta organi-
zatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stvu
(NIIOMTP) (for all except Skvortsova, Temkina).
(Moscow--Apartment houses)

<p>YEVSIDVICH, R.V.</p> <p>Ca</p>		<p>9</p>	
<p>Frictionless flotation. R. V. Yevsidovich, P. P. Pokhlod, and D. L. Talmud. U.S.S.R. 65,950, March 31, 1946. In a flotation process without froth, the usual collectors, activators, depressors, etc., are used. A moving hydrophobic solid surface, to which the coned. minerals adhere, and which carries them from the cell, is made of Sovprene or a mixt. of Sovprene and Thiokol. This solid surface is wetted with, e.g., kerosene to increase its hydrophobic properties. M. Hoch</p>			
<p>ASO-BLA METALLURGICAL LITERATURE CLASSIFICATION</p>			
<p>12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100</p>			

YEVSIOVICH, R. V.

Abramovich, I. M. (deceased) and R. V. Yevsiovich (Mekhanobr)

"The development of a new industrial model of a three-level concentrating table with 20 m² of total deck area"

report presented at the 4th Scientific and Technical Session of the Mekhanobr Inst, Leningrad, 15-18 July 1958

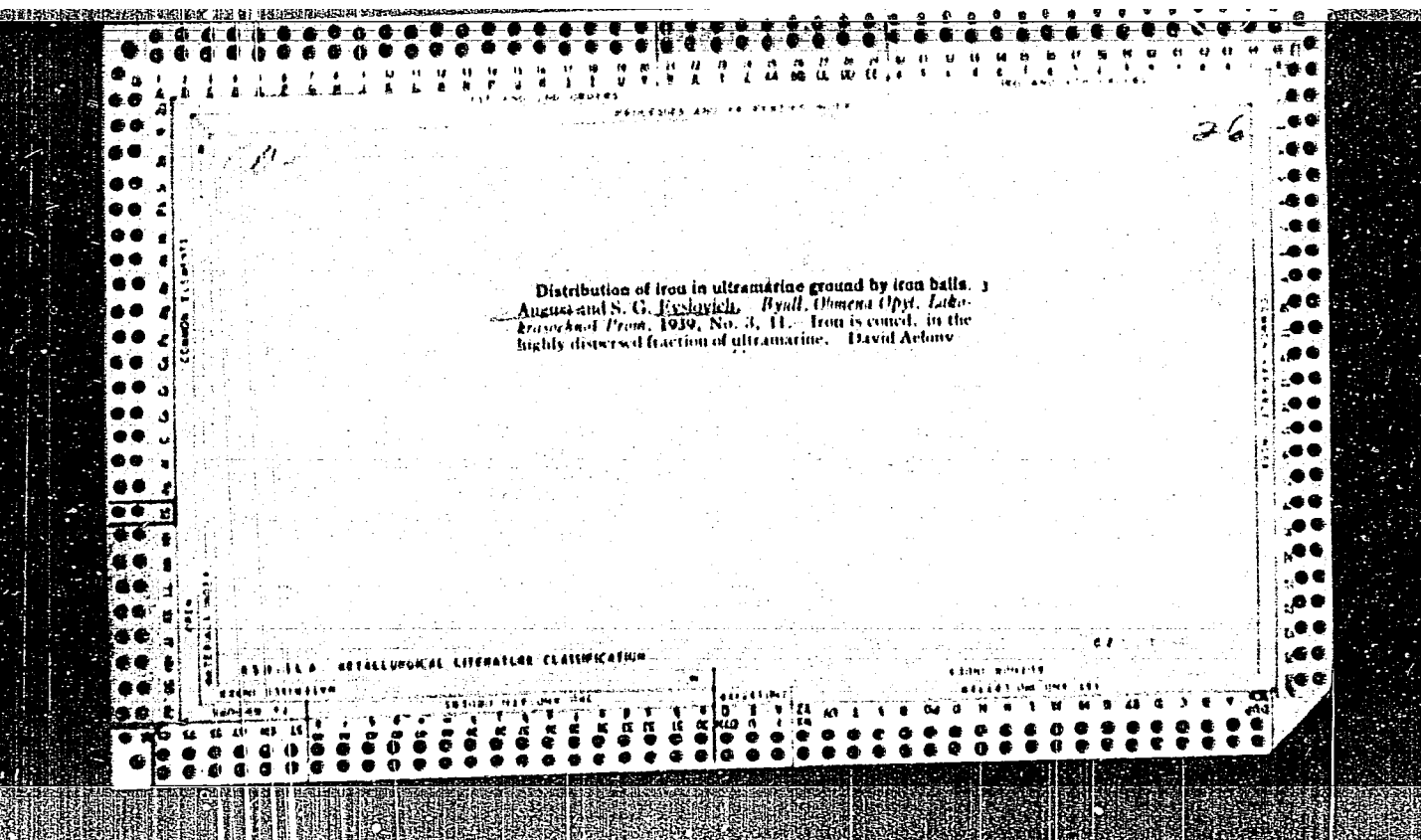
ABRAMOVICH, I.M. [deceased]; LEVSIovich, R.V.

Three-deck concentration tables designed by the Mekhanobr
Institute. Obog.rud 3 no.5:31-37 '58. (MIRA 12:5)
(Ore dressing--Equipment and supplies)

YEVSIOVICH, R.V.

Three-stage concentration table (IaSM-1) with aluminum decks
designed by the Scientific Research and Planning Institute for the
Mechanical Processing of Minerals. Obog.rud 4 no.3:36-38 '59.
(MIRA 14:8)

(Ore dressing--Equipment and supplies)



26

GRINDING OF ULTRAMARINE. S. G. RYKOVICH. *Russk. Khim. Opst. Leksikon* Prom. 1919, No. 3, 18-27. Efficiency of continuous grinding of ultramarine was established. The effectiveness of grinding increases in grinding in a closed cycle with periodic classification. D. A.

RESEARCH LITERATURE CLASSIFICATION

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2A

PROCESSING AND PROPERTIES INDEX

L. I. Danks's tricolor colorimeter is ultramarine color determinations. B. G. Kevlarich. Krull. (Dmen. Opts. Labetratochny Prom. 1939. No. 6-7, 22.--Dm. kina's tricolor colorimeter (cf. C. A. 32, 10814; Rum. pats. 20,961 and 20,084, C. A. 26, 5455) can be success- fully applied in factory control of the quality of ultra- marine. The curves are given. David Aclony.

1

COMPONENTS

CHARACTERISTICS

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

YEVSEINOVICH, S. G.

YEVSEINOVICH, S. G. "Pilot-plant investigations of enrichment in heavy suspensions",
Nauch.-inform. byulleten' (Vsesoyuz. nauch.-issled. i proyekt. in-t mekhan. obrabotki
poleznykh iskopayemykh), 1948, No. 2, p. 31-47.

SO: U-4393, 19 August 53, (Letopis 'Zhurnal 'nykh Statey', No. 22, 1949).

9

CA

Dressing of impure ores of Krivoy Rog basin. V. G. Derkach and S. G. Rylovich. *Gornyi Zhur.* 125, No. 3, 33-5(1951).---In the course of removal from the mine the rich ore becomes partly contaminated and in consequence the Fe content drops 5-10% below standard. The contaminated ore is divisible roughly into 2 classes of which one is strongly magnetic and above 5 mm. in size and the other is hydrohematite-martite weakly magnetic of predominantly less than 5 mm. lumps. The concn. procedure for the 1st class involves several passes of alternating crushing and magnetic sepi. For the weakly magnetic class 2 schemes are outlined: one involving several stages of magnetic sepi. in a high intensity field and the other gravity sepi. in a heavy suspension. Of these, the 2nd is preferable because of lower cost. M. Huseh

YEVSIovich, S. G.

PA 236T65

USSR/Minerals - Ore Dressing

Dec 52

"Equipment for Ore Concentration in Heavy Suspensions,"
S. G. Yevsioich, Cand Tech Sci

"Gor Zhur" No 12, pp 19-24

Outlines advantages of separators with shallow baths, describing 3 types of equipment: mechanical classifiers with screw conveyer, drum separators with screw conveyer, and double-chamber drum separators. Presents flow sheet for ore-dressing operations. Discusses preparation of suspensions and recovery of ferrosilicon. Suggests magnetic belt separator for last operation mentioned.

236T65

EVSIKOVICH, S.

"Equipment for Treatment of Ore in Heavy Suspensions. Tr. from the Russian."
p. 154, (MECHANISACE, Vol. 2, No. 4, Apr. 1953, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4
No. 5, May 1955, Uncl.

YEVSIOVICH, S. G.

137-1958-2-2229

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 2, p 3 (USSR)

AUTHORS: Derkach, V.G., Yevsioich, S.G., Kazennov, M.N.

TITLE: The Starting and Process Control Adjustment of a Concentration Plant of the Krivoy Rog Southern Mining and Concentrating Combine (Opyt puska i regulirovki obogatitel'noy fabriki Krivorozhskogo yuzhnogo gorno-obogatitel'nogo kombinata)

PERIODICAL: Obogashcheniye rud, 1957, Nr 2, pp 38-49

ABSTRACT: An account is given of the characteristics of the crude ore as it arrives at the plant. Described also are the plant's general layout, the arrangement of its equipment (Transl. Note: This includes liquid-chemical treatment tubs, furnaces, etc.), the defects in its layout and arrangement of equipment, the changes made in the course of establishing control procedures for the plant's operation, and the make-up of its basic equipment. Indices of plant performance are included, and procedures are recommended for adoption after establishment of its operational control system.

A. Sh.

Card 1/1 1. Industrial plants--Work functions

YEVSIOVICH, S.G.

AUTHOR: Yevsiovich, S.G., Candidate of Technical Sciences 127-12-14/28

TITLE: Efficient Concentration Methods of Poor Fine-Ingrained Magnetite Ores of the Krivoy Rog Basin (Ratsional'nyye metody obogashcheniya bednykh tonkovkraplennykh magnetitovykh rud Krivogo Roga)

PERIODICAL: Gornyy Zhurnal, 1957, No 12, pp 51-58 (USSR)

ABSTRACT: In 1955, the first concentration plant of the Southern Mining-Concentration Combine in Krivoy Rog was put into operation. Its capacity is 9 million tons of magnetite ores. The experience of adjustment and regulation of this plant carried out by the Institute "Mekhanobr" showed many basic drawbacks of its technological scheme. In order to improve its operation, new more efficient concentration schemes were developed and tested experimentally in the YuGOK concentration plant during June and July of 1957. The results obtained confirm the actual feasibility of yielding a product with an iron concentration as high as 64 to 65 % and a silica content of 8 to 10 %. On the basis of the performed tests it was proposed to reconstruct the concentration plant of the YuGOK according to the scheme shown in Figure 4. It was concluded that the technological schemes of the new mining-concentration combines in Krivoy Rog can ensure the production of concentrate contain-

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127-12-14/28

Efficient Concentration Methods of Poor Fine-Ingrained Magnetite Ores of the Krivoy Rog Basin

ing 64% of iron and 9% of silica. However, in order to achieve more successful operation of the plants for the concentration of magnetite quartzites, it is necessary to install more powerful crushers, drum magnetic separators, hydraulic separators, magnetic filters and other equipment. The article contains 4 schemes and 7 tables.

ASSOCIATION: "Mekhanobr"

AVAILABLE: Library of Congress

Card 2/2

YEVSIOVICH, S.G.

Economics of ore dressing in heavy suspensions. Obog.rud 3
no.4:19-20 '58. (MIRA 12:2)
(Ore dressing--Coats)

YEVSIOVICH, S.G.

Unit for dressing siderite ore in heavy suspensions (Siegerland,
German Federal Republic). Obog. rud 3 no.6:53-56 '58.
(MIRA 14:8)

(Germany, West--Ore dressing--Equipment and supplies)
(Siderite)

YEVSIOVICH, Simon Gdal'yevich; MITROFANOV, S.I., prof., retsenzent;
TROITSKIY, A.V., inzh., retsenzent; VERIGO, K.N., red.;
YEZDOKOVA, M.L., red.izd-va; KARASEV, A.I., tekhn.red.; KORO-
VENKOVA, Z.A., tekhn.red.

[Ore dressing in heavy suspensions] Obogashchenie rud v tiazhe-
lykh suspensziakh. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po
gornomu delu, 1959. 290 p. (MIRA 13:4)
(Ore dressing)

SOV/180-59-3-2/43

AUTHOR: Yevsiovich, S.G.; (Leningrad)

TITLE: Methods of Obtaining High-Quality Iron Concentrates
from Lean Magnetite Ores

PERIODICAL: Izvestiya Akademii nauk SSSR, Otdeleniye tekhnicheskikh
nauk, Metallurgiya i toplivo, 1959, Nr 3, pp 7-12 (USSR)

ABSTRACT: The iron content of concentrates from lean magnetite ores must be increased to 65-66% and the silicon reduced to 7-8%; results better than this are being obtained abroad. The author used Krivoy-Rog lean magnetites, which in the next few years will become the main source of concentrates in the South, as the example for discussing the production of a concentrate suitable for efficient blast-furnace operation. Investigations of the ores have been carried out at the Mekhanobr and NIGRI Institutes with the participation of the author, G.I.Yudenich, A.I.Povarov, V.G.Derkach, K.S.Pavlova, G.P.Bykov and K.I.Chirkova (Mekhanobr) and V.I.Karmazin, G.I.Machehkhin, Ye.A.Sukonnik and I.N.Karpov (NIGRI) and others (Ref 1-3). The siderite and iron silicates in the ore have a deleterious effect on the yield of concentrate and on recovery of iron in it (Fig 1). For the 11-region Krivoy-Rog ores a magnetic concentration works with an

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SOV/180-59-3-2/43

Methods of Obtaining High-Quality Iron Concentrates from Lean
Magnetite Ores

annual capacity of 9 million tons of ore: the flowsheet, showing the improvements which have been made during adjustment is given in Fig 2. The feed is ground to 0 - 25 mm size and composition data for the concentrate indicate that an essential condition for its improvement are finer ore grinding and removal of slimes. Plant and operating costs for desliming are much lower than for magnetic separation. Research by the Mekhanobr Institute (Ref 3) has shown that grinding to 94% - 0.74 mm and repeated magnetic separation increases iron content to 67.5% and reduces silica to 6.8%. Results of special experiments to find optimum ore-grinding sizes for the first stage of concentration are shown in Fig 3, in relation to the percentage of 74-micron ore. The author notes that suitable grinding can be effected in three stages and shows the special importance (economic and technical) of hydraulic classification for this type of ore. Optimum-condition of both hydraulic classification and magnetic concentration depend on ore sizing. Comparative tests on various concentration flowsheets

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SOV/180-59-3-2/43

Methods of Obtaining High-Quality Iron Concentrates from Lean
Magnetite Ores

showed the advantages of the more developed systems with multi-stage grinding and concentration, re-purification of the concentrate (possibly by magnetic separation and flotation) and middlings, hydraulic classification of ore, desliming of ore and concentrate in magnetic cones. On the basis of these principles and Soviet and foreign operating experience two flowsheets have been developed (Fig 5 and 6) and checked by the author at the KYUGOK. These gave 65-66% Fe in the concentrate with a recovery of 77-78%; preliminary data suggest that iron recovery can be increased by 4-5% or 8-10% by magnetic separation or flotation, respectively, of tailings. There are 6 figures and 3 Soviet references.

ASSOCIATION: Institut Mekhanobr (Mekhanobr Institute)

SUBMITTED: July 6, 1957

Card 3/3

YEVSIOVICH, S.G.; KOSOY, G.M.

Dressing fine-size iron ores in a three-product hydrocyclone
with use of heavy suspensions. Obog.rud 5 no.4:16-20 '60.
(MIRA 14:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy i proyektnyy institut
mekhanicheskoy obrabotki poleznykh iskopayemykh (for Yevsiovlch).
2. Mekhanobrchermet (for Kosoy).
(Iron ores) (Separators (Machines))

YEVSIOVICH, S.G.; ZHURAVLEV, S.I.; LYUBARETS, I.M. KOSOY, G.M.; IGUMNOVA, I.P.
SUBBOTA, L.F.; GOLGER, Yu.S.

Industrial use of several methods of dressing Krivoy Rog iron ore in heavy suspensions. Gor.zhur. no.5:54-60 My '60. (MIRA 14:3)

1. Mekhanobr, Leningrad (for Yevsimovich and Zhuravlev).
2. Mekhanobrchermet, Krivoy Rog (for Lyubarets, Kosoy, Igumnova and Subbota).
3. Rudoupravleniye imeni Dzerzhinskogo (for Golger).
(Krivoy Rog Basin--Ore dressing)

YEVSIOVICH, S.G., kand.tekhn.nauk; ZHURAVLEV, S.I., gornyy inzh.

Krivoy Rog mining and ore-dressing combines should produce high quality concentrates. Gor.zhar. no.7:66-69
Jl '60. (MIRA 13:7)

1. Institut Mekhanobr, Leningrad.
(Krivoy Rog--Ore dressing)

YEVSIOVICH, S.G., kand.tekhn.nauk

Present state and ways of improving the technology of dressing
magnetites. Gor. zhur. no.9:61-65 S '61. (MIRA 16:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy i proyektnyy institut
mekhanicheskoy obrabotki poleznykh iskopayemykh, Leningrad.
(Magnetite) (Ore dressing)

YEVSIovich, S.G., kand.tekhn.nauk; RUNDKVIST, A.K., kand.tekhn.nauk

Don't contrast theory to practice; ~~reply~~ to L.P. Shupov's article.
Gor. zhur. no.7:77-78 J1 '62. (MIRA 15:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy i proyektnyy institut
mekhanicheskoy obrabotki poleznykh iskopayemykh.
(Ore dressing)

YEVSIOVICH, S.G.; PETROV, A.S.; CHEPURNYKH, K.S.

Flow sheet of the Gari ore dressing plant. Obog. rud 7 no.4:2-10
'62. (MIRA 16:4)

(Ore dressing)

YEVSIOVICH, S.G., kand. tekhn. nauk

Evaluation of technological flowsheets for magnetic separation plants of the Krivoy Rog and ways of improving them.
Gor. zhur. no.7:57-62 J1 '63. (MIRA 16:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy i proyektnyy institut mekhanicheskoy obrabotki poleznykh iskopayemykh, Leningrad.

YEVSIGVICH, S.G.; ZHURAVLEV, S.I.

An efficient technology of magnetite ore dressing at the Sokolovka-Sarbay Mining and Ore Dressing Combine. Gor.zhur. no.8:62-65 Ag '65.
(MIRA 18:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy i proyektnyy institut mekhanicheskoy obrabotki poleznykh iskopayemykh, Leningrad.

YEVSEVICH, S.G., kand. tekhn. nauk; ZHURAVLEV, S.I., gornyy inzh.

Technological improvement of the dressing of Arivoy Bog magnetite
quartzites. Ger. zhiv. no.9:65-67 S 165. (MIRA 18:9)

I. Vsesoyuznyy nauchno-issledovatel'skiy i proyektnyy institut
mekhanicheskoy obrabotki poleznykh iskopayemykh, Leningrad.

YIVSIOVICH, S.G.

Technology of dressing Krivoy Rog Basin magnetite ores.
Trudy Mekhanobr. no.133:178-212 '63.

(MIRA 18:10)

YEVSIOVICH, S.G.; CHEPURNYKH, K.S.; PETROV, A.S.

Technological and economic problems in preparing for smelting iron ore
from the Gari deposit. Trudy Mekhanobr no.133:213-251 '63.
(MIRA 18:10)

YEVSIOVICH, S.G.; YEGOROVA, N.A.

Ways of improving the operation of the Kovdor ore dressing plant.
Gor.zhur. no.1:67-69 Ja '65. (MIRA 18:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy i proyektnyy institut
mekhanicheskoy obrabotki poleznykh iskopayemykh, Leningrad.

YEVSIEVICH, S.M., inzh.

Using machinery in making wire-reinforced concrete products.
Stroi.prom. 27 no.10:14-16 3 '49. (MIRA 13:2)
(Prestressed concrete)

YEVSIVICH, S. M.

USSR /Chemical Technology. Chemical Products
and Their Application

I-12

Silicates. Glass. Ceramics. Binders.

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 31630

Author : Yevsiyevich S.M., Frayfel'd E. Ye.

Title : Use of the New Tar-Lime Plasticizer DI-YuzhNII.

Orig Pub: Byul. stroit. tekhniki, 1954, No 5, 12

Abstract: Plasticizer DI-YuzhNII is recommended for use to enhance the plasticity of plaster. The plasticizer is made from ground quicklime (or lime paste) and clarified pine tar. Amount of plasticizer used is 0.2-0.3% of the weight of sand in the mix.

Card 1/1

GILEVICH, Yu.S., prog.; IZOTOVA, A.A., kand. med. nauk; SHMAT'KO, I.G.;
YEVSTAL'YEVA, T.N.; SHALYGINA, T.P., student

Diagnostic importance of Casoni's intracutaneous allergic reaction in echinococcosis. Uch. zap. Stavr. gos. med. inst. 8:165-171 '63 (MIRA 17:7)

1. Kafedra obshchey khirurgii (zav. - prof. Yu.S. Gilevich)
Stavropo'skogo meditsinskogo instituta (rektor zasluzhennyy
deyatel' nauki, prof. V.G. Badylin).

YEVSTAF'YEV, A. G., Aspirant

"Calculating the Number of Plates in Rectification Columns." Cand Tech Sci,
Moscow Inst of Chemical Machine Building, 2 Dec 54. (VM, 22 Nov 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher
Educational Institutions (11)

SO: Sum. No. 521, 2 Jun 55

YEVSTAF'YEV, A. G.

named experiment. The experiment is based on an old method first proposed by R. Sorel (La rectification de l'alcool, 1881) and is a method which assumes a constant temperature of the liquid in the column of the plate and that the vapors on the plate are in equilibrium with the liquid. Plates operating on this principle were subsequently called the theoretical plates. W. M. Sternberg

(2)

YEVSTAF'YEV, A. YE.

68-1-12/22

AUTHORS: Yevstaf'yev, A. Ye., Candidate of Technical Sciences,
and Kotenko, D. A., and Sorkin, M. M.
TITLE: On the Operating Conditions of Benzole and Carbon Disulphide Columns of a Rectification Plant (O rezhime raboty benzol'noy i serouglerodnoy kolonn tsekha rektifikatsii)

PERIODICAL: Koks i Khimiya, 1958, No.1, pp. 47 - 49 (USSR)

ABSTRACT: Possible improvements in the operation of carbon disulphide and benzole columns in a continuous raw benzole distillation plant designed by Giprokoks are discussed. During investigations of the possibilities of automation of the above plant carried out by members of the Moscow Institute of Chemical Machine Building (Moskovskiy institut khimicheskogo mashinostroyeniya) and the Bagleyskiy Coke Oven Works (Bagleyskiy koksokhimicheskiy zavod), a considerable difference was observed in the operating conditions of the above two columns on the Bagleyskiy Works (Tables 3 and 4) and similar columns on the Yasinovka and Zaporozh'ye Coke Oven Works and the Moscow Gas Works (Moskovskiy koksogazovyy zavod) (Tables 1 and 2). It is pointed out that the use of operating conditions developed for the Bagleyskiy Works would improve the response of an automatic control and secure the stability of the process, as well as increasing the throughput of the above columns and obtain some saving in the consumption of steam, water and electric power. There are 4 tables and 1 figure.

Card1/2

On the Operating Conditions of Benzole and Carbon Disulphide Columns
of a Rectification Plant.

68-1-12/22

ASSOCIATIONS: MIKhM and Bagleyskiy Coke Oven Works (Bagleyskiy
koksokhimicheskiy zavod)

AVAILABLE: Library of Congress

Card 2/2

SOV/24-58-6-12/35

AUTHORS: Yavstaf'yev, A.G., Zykov, D.D. and Karavayev, N.M.
(Moscow)

TITLE: Relative Effect of Certain Factors on the Mass-Exchange Process in a Plate-Type Column Installation (Otnositel'noye vliyaniye nekotorykh faktorov na protses massoobmena v kolonnom apparate tabel'chatogo tipa)

PERIODICAL: Izvestiya Akademii Nauk, Otdeleniye tekhnicheskikh nauk, 1958, Nr 6, pp 77-83 (USSR)

ABSTRACT: It has already been shown (eg refs 1-3) that among factors influencing the change in concentration along a plate-type column is mass-transfer between adjacent layers of the moving liquid and the analogous mass transfer in the vapour. The author has previously analysed (ref 1) the change in the concentration of the low-boiling fraction allowing for mixing of liquid and vapour. In the present work the attempts to deduce the influence of this and other factors on the change of concentration of the components along a plate-type column are described. He shows that mass exchange in the inter-plate space can be regarded as the sum of three mass-exchange processes:

Card 1/3 between liquid and vapour, between adjacent moving liquid

SOV/24-58-6-12/35

Relative Effect of Certain Factors on the Mass-Exchange Process in a Plate-Type Column Installation

layers, and between layers of vapour. Using his previous (ref 1) relations he shows that the degree of attainment of vapour/liquid equilibrium should always be considered in column design. Because of the complexity of their effect on the overall process the author considers the other two processes by taking the example of a toluene-carbon tetrachloride mixture and examining seven particular cases. These cover various combinations of degrees of mixing in the liquid and the vapour but apply only to the bottom two plates. The results (table 1 and fig 2) show that mixing in the liquid is an important (table 2) but not controlling factor, while mixing in the vapour can be ignored. On this basis column calculations can be classified in four degrees of approximation, depending on the number of the above factors they take into consideration: most methods used for plate coolers belong to the second approximation group, in which only mass exchange between liquid and vapour is considered and can lead to errors of up to 40%. The author elaborates on the weaknesses of this approach and recommends for technical

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SOV/24-58-6-12/35

Relative Effect of Certain Factors on the Mass-Exchange Process
in a Plate-Type Column Installation

calculations the third-approximation method, in which the only factor ignored is mass exchange between adjacent vapour layers and errors of $\pm 2\%$ are obtained. He deduces suitable equations from the more exact fourth approach method and concludes with a numerical example.

There are 2 figures, 3 tables and 3 references (1 Soviet, 1 English and 1 German)

Card 3/3

YEVSTAF'YEV, A.G. (Moskva)

analysis of methods of determining the efficiency of plate-type
rectification columns. Izv. AN SSSR. Otd. tekhn. nauk. Met. i topl.
no. 4:179-184 J1-Ag '60. (MIRA 13:9)
(Distillation apparatus)

YEVSTAF'YEV, A.G., kand.tekhn.nauk; LEVIKOV, P.M.; KOTENKO, L.A.;
BELENOV, Ye.A.

Characteristic process parameters of continuous washing of the fraction
boiling in the 140-145° range. Koks i khim. no. 5:39-41 '61.
(MIRA 14:4)

1. Moskovskiy institut khimicheskogo mashinostroyeniya (for Yevstaf'yev,
Belenov). 2. MKGZ (for Levikov). 3. Tsentral'nyy nauchno-issledovatel'-
skiy institut kompleksnoy avtomatizatsii (for Kotenko).
(Coke industry--By-products) (Benzene)

YEVSTAF'YEV, A.G.; KAFAROV, V.V., doktor tekhn. nauk, prof.,
retsenzent; ZENKEVICH, V.S., kand. tekhn. nauk, red.;
TAIROVA, A.I., red.izd-va; UVAROVA, A.F., tekhn. red.

[Rectification apparatus] Rektifikatsionnye ustanovki.
Moskva, Mashgiz, 1963. 161 p. (MIRA 16:6)
(Distillation apparatus) (Distillation, Fractional)

ACCESSION NR: AP3000872

5/0206/07/000/000-000/000

Адрес: Иркутская обл. С. С. Абрамович, Р. Б.; Думов, В. И.; Евстафьев,
В. Я.

SOURCE: Byul. izobreteniy i tovarnykh znakov, no. 2, 1963, 65

TOPIC TAGS. in-flight refueling, turbopump unit

[illegible]

ASSOCIATION: none

Card : 71

YEVSTAF'YEV, B., kapitan

Flights and physical training. Ar. i Kosm. 47 no. 12/17-17 Ju '65
(MIRA 18:1)

YEVSTAF'YEV, B., kapitan

Useful help. Kryl. red. 16 no.2:21 F '65.

(MIRA 18:3)

YEVSTAF'YEV, B.S., inzh.

Investigating the stability of eight-axle gondola cars during one-sided unloading. Trudy MIIT no.185:27-37 '64.

Investigating the behavior of eight-axle cars on curved track sections and the conditions of their coupling. Ibid.:38-48

Analyzing some systems of the running gear of eight-axle cars. (MIRA 18:5)
Ibid.:12-26

SHADUR, L.A., prof., doktor tekhn. nauk; YEVSTAF'YEV, B.S., kand. tekhn. nauk

Preventing the break of the swing links in couplings. Zhel. dor.
transp. 47 no.5:61-63. My '65. (MIRA 18:6)

YEVSTAF'YEV, B.S., inzh.

Analyzing the state of stress of the connecting bar of a four-
axle car truck. Trudy MIIT no.153:126-131 '62. (MIRA 16:2)
(Car trucks (Railroads)--Testing)

YEVSTAF'YEV, B.S., inzh.

Investigating the possibility of the passage of eight-axle
gondola cars over classification yard humps and curved track
sections of small radius. Trudy MIIT no.153:93-108 '62.
(MIRA 16:2)

(Railroads--Freight cars)

(Railroad engineering)

YEVSTAF'YEV, F.

Wrong practice in planning average wages. Sots. trud 5 no.6:134-
135 Je '60. (MIRA 13:11)

1. Starshiy ekonomist Glavvostokelektroset'stroya.
(Electric lines) (Wages)

80298
S/115/60/000/04/023/041
D002/D006

~~2(2)~~
9.6000
AUTHOR:

TITLE:

PERIODICAL:

ABSTRACT:

Yevstaf'yev, F.F.

Determining the Short-Period Frequency-Instability of
Quartz Generators

Izmeritel'naya tekhnika, 1960, Nr 4, pp 43-45 (USSR)

At Khar'kovskiy gosudarstvennyy institut mer i izme-
ritel'nykh priborov (Khar'kov State Institute of
Measures and Measuring Devices), an accurate device
(Figure 1) for measuring the beating periods of
quartz generators, was developed and tested. It con-
sists of a trigger, a controlled discriminator /Ref.
1, English, 2, Soviet, and a recording chronograph
or oscillograph with a circular scan. The "SB-1M/50" ~~4~~
counter records the beat periods. The measurement
results show that the phase-displacement depends only
slightly on the voltage of the compared frequencies
and feed units. Therefore, the device can be applied
also for continuous accurate round-the-clock compa-

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S/115/60/000/04/023/041
D002/D006

Determining the Short-Period Frequency-Instability of Quartz Generators

risons of quartz generator frequencies. It can also be used as a phasemeter for measuring phase shifts, the error not exceeding $1 \cdot 10^{-4}$ radians at frequencies of 60 cycles. The accuracy for generator frequency instability measurements can be increased by raising the discriminator's sensitivity by feeding it with high voltages or increasing the compared frequencies. There are 3 diagrams, 2 graphs, and 3 references, 2 of which are Russian, 1 English.

Card 2/2

87956

S/115/60/000/012/009/018
B021/B058

9,2181 (and 1144)

AUTHOR: Yevstaf'yev, F. F.

TITLE: On the Instability of Quartz-generator Frequencies

PERIODICAL: Izmeritel'naya tekhnika, 1960, No. 12, pp. 32-33

TEXT: The measurement results of the frequency instability of quartz generators of the group frequency standard of the KhGIMIP (Khar'kovskiy gosudarstvennyy institut mer i izmeritel'nykh priborov (Khar'kov State Institute of Measures and Measuring Instruments), installed on and below ground, are given in this paper for time intervals of from 2 seconds up to 24 hrs. It is also shown to which extent the distribution of the frequency-instability variations of high-stability quartz generators corresponds to the normal distribution law. The generators on the ground operate by means of electron tubes and are placed, together with the quartzes, in thermostats having a constant temperature of $39 \pm 0.01^\circ\text{C}$. The generators below ground have transistors and are placed in a 25 m deep bore hole at a temperature of 10.1°C . All generators of the group have quartz blocks with a rated frequency of 60 kilocycles and a quality factor of about

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87956

On the Instability of Quartz-generator
Frequencies

S/115/60/000/012/009/018
B021/B058

2.5.10⁵. The generators on the ground are fed by the a.c. net and those below ground from galvanic storage dry cells. The measurement results of frequency instability for various time intervals and the distribution of the frequency-instability variations according to groups are represented graphically. The following statements are made finally: 1) It can be seen from the mentioned dependence of frequency instability of the generators on the time intervals that a short frequency instability increases with the reduction of the time interval starting from one minute. The minimum value of frequency instability of generators above and below ground is within the limits of from 1 to 4 min and amounts to about $2 - 3 \cdot 10^{-10}$. The frequency instability increases with the increase of the time interval in excess of this limit, and the frequency instability per day of generators on the ground amounts to $4.8 - 7.8 \cdot 10^{-10}$, and of those below ground to $7.4 \cdot 10^{-10}$. 2) The frequency instability of generators below ground differs little from that of generators on the ground. 3) The distribution of frequency-instability variations of quartz generators has a random character and is in principle subjected to the law of normal distribution. This refers not only to the distribution of short frequency instability, but also to the frequency instability per day of generators, for which stabilized feed and

Card 2/3

On the Instability of Quartz-generator
Frequencies

87956

S/115/60/000/012/009/016
B021/B058

temperature stability can be observed for a longer period. There are 2
figures and 1 Soviet reference.

Card 3/3

KASITSKIY, I.; MANEVICH, Ye.; ZVEREV, A.; KAPUSTIN, Ye.;
NEMCHINOV, V., akademik; VOROB'YEVA, A.; YEVSTAF'YEV, G.;
SHAKHURIN, A.; KOSYACHENKO, G.; PLOTNIKOV, K.; AL'TER, L.;
ROTSHTEYN, L.; SPIRIDONOVA, N.; MASLOVA, N.; RUSANOV, Ye.;
KAPITONOV, B.; KULIYEV, T.; GATOVSKIY, L.

Problems of the economic stimulation of enterprises.

Vop. ekon. no.11:87-142 N '62.

(MIRA 15:11)

1. Komitet Vsesoyuznogo soveta nauchno-tekhnicheskikh obshchestv po ekonomike i organizatsii proizvodstva (for Kasitskiy).
2. Institut ekonomiki AN SSSR for Manivich, Zverev, Vorob'yeva, Yevstaf'yev, Shakhurin, Plotnikov, Maslova, Rusanov, Kapitonov).
3. Nauchno-issledovatel'skiy institut truda (for Kapustin).
4. Nauchno-issledovatel'skiy finansovyy institut (for Kosyachenko).
5. Nauchno-issledovatel'skiy ekonomicheskii institut Gosudarstvennyy nauchno-ekonomicheskogo soveta Soveta Ministrov SSSR (for Al'ter).

(Continued on next card)

KASITSKIY, I.---(continued) Card 2.

6. Gosudarstvennyy nauchno-ekonomicheskiy sovet Soveta Ministrov SSSR (for Rotshteyn).
7. Moskovskiy gosudarstvennyy universitet (for Spiridonova).
8. Azerbaydzhanskiy gosudarstvennyy universitet imeni S.M. Kirova (for Kuliyeu).
9. Predsedatel' Nauchnogo soveta po khozyaystvennomu raschetu i material'nomu stimulirovaniyu proizvodstva, chlen-korrespondent AN SSSR (for Gatovskiy).
 - (Industrial management)
 - (Incentives in industry)

15.8110

AUTHORS:

TITLE:

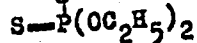
PERIODICAL:

Pudovik, A. N., Yevstaf'yev, G. I., and Cherkasov, R. A.
Addition of incomplete phosphorus acid esters to unsaturated polyesters
Akademiya nauk SSSR. Doklady, v. 145, no. 2, 1962, 344-346

TEXT: This is a continuation of previous papers on the addition of various phosphorus acid esters to unsaturated electrophilic reagents in the presence of basic catalysts. Polyesters with molecular weights between 700 and 4000 obtained by condensation of maleic anhydride with various glycols were made to react with various esters of phosphorous acid. The resulting phosphorus-containing polyesters may be of interest as plasticizers, and as a component for the production of refractory material. Excessive addition of diethyl phosphite to polyethylene glycol maleinate (molecular weight: 750) in the presence of little sodium methyleate as a catalyst, is a very vigorous and exothermic reaction yielding a solid, hygroscopic resin which does not continue burning when taken out of flame. Diethyl phosphite is added to all polyester double bonds. Experiments

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APPROVED FOR RELEASE: 09/17/2001



of incomplete addition were viscous resins. All these polyesters are

Card 2/3

S/020/62/145/002/011/018
B106/B101

Addition of incomplete phosphorus ...

insoluble in alcohol and dioxane, some dissolve in water and yield opalescing solutions. Polyesters continue burning when taken out of flame owing to their sulfur content. Successive addition of diethyl phosphite and diethyl dithiophosphate to some unsaturated polyesters was also conducted. The ratios were chosen in such a way that the two phosphorus compounds added to 50% of the polyester double bonds. The polyesters thus obtained are viscous, water-soluble resins or solids which continue burning when taken out of flame. There are 4 tables.

ASSOCIATION: Kazanskiy gosudarstvennyy universitet im. V. I. Ul'yanova-Lenina (Kazan' State University imeni V. I. Ul'yanov-Lenin)

PRESENTED: January 23, 1962, by B. A. Arbuzov, Academician

SUBMITTED: January 16, 1962

Card 3/3

L-12425-63

ACCESSION NR: AP3001152

BWP(f)/BPP(c)/BWT(m)/BPS

ASD PC-L/Pr-L RM/WW

S/0190/63/005/006/0886/0891

AUTHOR: Pudovik, A. N.; Yevstaf'yev, T. I.

TITLE: Synthesis of phosphorus-containing polyesters by the polytransesterification reaction

SOURCE: Vysshomolekulyarnyye soedineniya, v. 5, no. 6, 1963, 886-891

TOPIC TAGS: polyesters, transesterification, synthesis, alcohols, diethylphosphinite, diethylphosphine

ABSTRACT. The objective of the present investigation was the study of polytransesterification of glycols with diethyl-ethylphosphinite and diethylphosphine. The reagents were used in equimolecular amounts, the reaction being controlled by alcohol yield, at 175, 180, 190, and 200°C. It was found that the reaction rate and degree of completion goes up with temperature. The molecular weights of the polymers obtained, as determined by the cryoscopic method, showed little difference. In the reaction with 1,4-cyclohexanediol the formation of tetraoxane was observed along with the polymer, which suggests the cyclization of the polymer.

...the reaction with 1,4-butanediol (the formation of tetrahydrofurane
was observed along with the polyester, which suggests the cyclization of 1,4-
butanediol. A 65-70% yield of cyclic acids was obtained in 30 minutes at 1300 and
a 100 mm pressure. Orig. art. has: 4 formulas, 5 charts, and 1 table.
Card 1/2 Kazan State University

PUDOVIK, A.N.; YEVSTAF'YEV, G.I.

Diphosphonic glycols, diphosphonic diamines and some of their
reactions. Zhur. ob. khim. 34 no. 3:890-892 Mr '64.

(MIRA 17:6)

1. Kazanskiy gosudarstvennyy universitet.

L 1577-66 ENT(m)/EPF(c)/EMP(j)/T RM

ACC NR: AP5027231

SOURCE CODE: UR/0020/65/164/006/1331/1334

AUTHOR: Pudovik, A. N. (Corresponding member AN SSSR); Yevstaf'yev, G. I.

ORG: Kazan State University im. V. I. Ul'yanov - Lenin (Kazanskiy gosudarstvennyy universitet)

TITLE: Synthesis of phosphorus-containing polyesters by homopolytransesterification

SOURCE: AN SSSR. Doklady, v. 164, no. 6, 1965, 1331-1334

TOPIC TAGS: polymer, phosphorus containing polymer, polyester, transesterification

ABSTRACT: This work deals with the homopolytransesterification of methylolphosphinic esters:



The reaction mixture was heated in the absence of any catalyst. Product yields were 40-45%. Rate studies showed that the reaction is second-order reaction. Reaction rate constants were calculated; the energy of activation was found to be $E = 23,400 \pm 1000$ kcal/mole. The polymers obtained in the above reaction are initially viscous liquids with mol. wt. = 700-900. On further heating they change to almost solid polyesters with mol. wt. = 10,000-15,000. Anal. has: 3 figures.

Card 1/2

UDC: 678.649.12678.85

L 4577-66

ACC NR: AP5027231

SUB CODE: OC, GC/ SUBM DATE: 10Apr65/ ORIG REF: 005/ ATD PRESS: 4/36 0

Card 2/2 DP

YEVSTAF'YEV, G.N., otv. red.; MAYEVSKIY, I.V., red.; MASLOVA, N.S., red.;
PANKRATOV, V.G., red.; KHOMYAKOV, A.I., red. izd-va; UL'YANOVA, O.G.,
tekhn. red.

[Labor productivity and production costs in industry] Proizvoditel'-
nost' truda i sebestoimosti produktsii v promyshlennosti. Moskva,
Izd-vo Akad. nauk SSSR, 1961. 335 p. (MIRA 14:11)

1. Akademiya nauk SSSR. Institut ekonomiki.
(Labor productivity) (Costs, Industrial)

YEVSTAF'YEV, Georgiy Nikolayevich

[The realization of Leninist principles in the management of
the socialist economy] Osushchestvlenie leninskikh printsipov
upravleniya sotsialisticheskim khoziaistvom. Moskva, Izd-vo
VPSH i AGN pri TsK KPSS, 1960. 46 p. (MIRA 13:11)
(Russia--Economic conditions)

D'YACHENKO, V.P., glav. red.; LEVSTAF'YEV, G.N., kand. ekon. nauk, red.;
OBLOMSKIY, Ya.A., kand. ekon. nauk, red.; OSIPOV, G.V., kand. filosof.
nauk, red.; LAPTEV, V.V., kand. yurid. nauk, red.; TEPFEROV, V.D., red.
Izd-va; ASTAF'YEVA, G.A., tekhn. red.

[Social and economic problems of technological progress] Sotsial'no-
ekonomicheskie problemy tekhnicheskogo progressa; materialy nauchnoi
sessii. Moskva, 1961. 478 p. (MIRA 14:8)

1. Akademiya nauk SSSR. Otdeleniye ekonomicheskikh, filosofskikh i
pravovykh nauk. 2. Chlen-korrespondent AN SSSR (for D'yachenko)
(Technology and civilization)

PLOTNIKOV, K.N.; MAYEVSKIY, I.V., doktor ekon.nauk; YEVSTAF'YEV, G.H.,
kand.ekon.nauk; KONYUKHOV, V.D., nauchnyy sotrudnik. Prínimal
uchastiye DAVYDKOV, I.I., nauchnyy sotrudnik. ZAV'YALOVA, A.H.,
red.; PONOMAREVA, A.A., tekhn.red.

[Potentials for reducing production costs] Rezervy snizhenia
sebestoimosti produktsii. Moskva, Izd-vo ekon.lit-ry, 1962.
333 p. (MIRA 15:4)

1. Akademiya nauk SSSR. Institut ekonomiki. 2. Direktor Instituta
ekonomiki AN SSSR, chlen-korrespondent AN SSSR (for Plotnikov).
3. Institut ekonomiki AN SSSR (for Yevstaf'yev).
(Costs, Industrial)

~~YEVSTAF'YEV~~, Georgiy Nikolayevich; NEDBAYEV, V.I., red.; PONOMAREVA,
A.A., tekhn. red.

[Economic law of increasing labor productivity] Ekonomicheski
zakon povysheniia proizvoditel'nosti truda. Moskva, Ekonomizdat,
1962. 327 p. (MIRA 15:7)
(Labor productivity)

L 1351-66 EPA/EWT(m)/EWT(1)/T-2/EWP(f) WH

ACCESSION NR: AP5024390

UR/0286/65/000/015/0071/0071

621,438-546

36
B

AUTHOR: Yevstaf'yev, G. V.

TITLE: An antisurge device for the axial compressor of a turbojet engine.

Class 27, No. 173376

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 15, 1965, 71

TOPIC TAGS: turbojet engine, antisurge device, turbine compressor

ABSTRACT: This Author's Certificate introduces an antisurge device for the axial compressor of a turbojet engine. The unit contains a flexible band for covering the air bypass ports and a mechanism for controlling the band. The design is simplified and the overall dimensions are reduced by making the mechanism in the form of a servodrive with a spring-mounted piston and a rod connected to the band. The band is held in the closed position and is opened by the pressure of the air stream passing over the air flow section of the compressor.

Association: none

SUBMITTED: 09Mar64

ENCL: 01

SUB CODE: PR

NO REF SIZ: NOC

OTHER: 000

Cord 1/2

ENCLOSURE

ADDITIONAL INFORMATION

ENCLOSURE

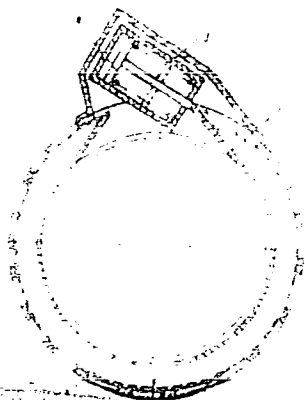


Fig. 1. 1. Band, 2. ports.
1. diameter 20, 2. length 20

Card 2/2

YEVSTAF'YEV, I.N., inzh.; BOROVSKIY, Yu.F., kand. tekhn. nauk; FOMCHENKO,
S.I., kand. tekhn. nauk; GULYAYEV, B.B., doktor tekhn. nauk

Compacting molding mixtures by vibration squeezing. Lit. proizv.
no.9:4-6 9 '65. (MIRA 18:10)

YEVSTAT'EV, L.S., kand. tekhn. nauk

Ways of improving the drying of peat fields. Torf. prom. no.1:15-19
'58. (MIRA 12:12)

1.Moskovskiy torfyanoy institut.
(Peat--Drying)

YEVSTAF'YEV, L.S., dots, kand.tekhn.nauk

Intensive drainage of peat deposits by means of deep pumping using
vertical drains. Nauch. dokl. vys. shkoly; gor. delo no.3:28-35 '58.
(MIRA 11:9)

1. Predstavlena kafedroy gidravliki i gidrotekhniki Moskovskogo
torfyanogo instituta.

(Peat bogs) (Drainage)

YEVSTAF'YEV, N. I.

Otorhinolaryngology

Fourth Republican Conference of specialists in otolaryngology of the White Russian S.S.R.,
Vest. otc-rin. 14, No. 3, 1952.

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

EVSTAF'YEV, N.T.

USSR/Medicine - New Drugs

Nov/Dec 53

"Treatment With Embikhin of Cases of Scleroma of the Respiratory Tract," Docent N. T. Evstaf'yev
Chair of Ear, Nose and Throat Diseases, Byelo-
russian Inst for Adv Trng of Physicians, Minsk

Vest Otorinolaring, No 6, pp 40-44

Describes successful treatment of scleromas with embikhin. States that an examination of the anti-biotic properties of this compound revealed that it has a destructive effect on capsules of Volkovich-Frish bacilli, and no effect on dysentery bacilli, typhoid bacilli, staphilococci and

272T26

some other microorganisms. The examination was performed by the "ring method," described by G. F. Gauze.

EVSTAF'YEV, N.T.

Proceedings of the enlarged session of the Board of the White
Russian Oto-Laryngological Society of February 26-27, 1953.

Vest.oto-rin. 15 no.6:89 N-D '53.

(MLRA 7:1)

(White Russia--Otorhinolaryngology)

(Otorhinolaryngology--White Russia)

YEVSTAF'YEV, N.T.

late results of streptomycin therapy in scleroma of the respiratory tract. Vest.oto-rin. 18 no.5:59-61 S-O '56. (MLRA 9:11)

1. Iz kliniki bolezney ukha, gorla i nosa (zav. - dotsent N.T. Yevstaf'yev) Belorusskogo instituta usovershenstvovaniya vrachey.

(RESPIRATORY TRACT, dis.

rhinoscleroma, ther., streptomycin, remote results)

(STREPTOMYCIN, ther. use

rhinoscleroma of resp. tract, remote results)

(RHINOSCLEROMA, ther.

streptomycin, remote results)

YEVSTAF'YEV, N.T., dots. (Minsk)

Nevoembichin therapy in neuritis of the acoustic nerve [with summary in English]. Vest.oto.-rin. 20 no.4:41-43 J1-Ag '58 (MIRA 11:7)

1. Iz kliniki bolezney ucha, gorla i nosa (zav. - dots. N.T. Yevstaf'yev) Beloruskogo instituta usovershenstvovaniya vrachey.

(NERVE ACOUSTIC, dis.

neuritis, ther., N-bis (2-chloroethyl)-2-chloropropylamine (Rus))

(NITROGEN MUSTARDS, ther. use

N-bis (2-chloroethyl)-2-chloropropylamine in neuritis of acoustic nerve (Rus))

(NEURITIS, ther.

acoustic neuritis, N-bis (2-chloroethyl)-2-chloropropylamine ther. (Rus))

YEVSTAF'YEV, N.T., dots.

Use of regional anesthesia in tracheotomy [with summary in English]
Vest.oto-rin. 20 no.6:96-101 N-D '58 (MIRA 11:12)

1. Iz kliniki ukha,gorla i nosa (zav. - dots. N.T. Yevstaf'yev)
Belorusskogo gosudarstvennogo instituta usovershenstvovaniya vrachey
(TRACHEA, surg.
tracheotomy, regional anesth. in (Rus)).
(ANESTHESIA, REGIONAL,
in tracheotomy, (Rus))