ANDREYEV, Ye.T.; KONDRAT'YEV, L.I.; VAKHROMOV, P.S.; MEDVEDEV, V.V.; SAKANTSEV, Yu.S.

Rapid concreting of underground crushing machine foundations. Shakht. stroi. 6 no.3:20-23 Mr '62. (MIRA 15:3)

1. Sverdlovskiy gornyy institut (for Andreyev). 2. Trest Sverdlovskshakhtorudstroy (for Kondrat'yev, Vakhromov, Medvedev, Sakantsev).
(Crushing machinery--Foundations) (Concrete construction)

ANDREYEV, Ye.T., kand.tekhn.nauk; KONDRAT'IEV, L.I., inzh.; VAKHROMOV, P.S., inzh.; BORODIN, N.K., inzh.

Erecting a crushing and skip hoisting complex at the "Magnetitovaia-bis" mine. Shakht.stroi. 9 no.11:15-18 N '65. (MIRA 19:1)

1. Trest Sverdlovskshakhtorudstroy.

5(2)

AUTHORS: Makarov, S. Z., Vakhrushev, A. A. SOV/62-59-9-1/40

TITLE: The Chromyl Chloride - Chromic Anhydride System and the Synthesis of Chromic Anhydride of the Highest Degree of Purity

PERIODICAL: Izvestiya Akademii nauk SSSR. Otdeleniye khimicheskikh nauk, 1959, Nr 9, pp 1515-1519 (USSR)

ABSTRACT: In the present paper the authors investigated the CrO_2Cl_2-CrO_3-system and proved that CrO_2Cl_2 is an inert solvent for CrO_3 and that no chemical processes do occur in this system within a wide temperature range. The preparation of chromic anhydride has been discussed by Tishchenko and Smirnov (Ref 2) and Rakovskiy (Ref 3). To keep the temperatures constant during the individual investigations, different apparatus had to be used in the various temperature ranges in the investigation of the solubility of chromic anhydride in chromyl chloride. A table lists the investigation data at various temperatures of from -72 - +180°. The chemical analysis for chlorine was carried out gravimetrically, for chromium by titration with potassium permanganate. The CrO_2Cl_2-content was calculated from the Cl-content

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The Chromyl Chloride - Chromic Anhydride System and the Synthesis of Chromic Anhydride of the Highest Degree of Purity

and CrO_3 was determined to be the difference to the total chromium content. The period of the state of equilibrium at a constant composition of the liquid phase was determined for each temperature range. This was used for determining the curve of setting up of the equilibrium for the various temperatures (Fig 1). Equilibrium was reached more rapidly at higher temperatures (Fig 2). The data of curves 1 and 2 were used for making the equilibrium diagram of the -100 - +196°-system (Fig 3). The eutectic point of the system was at -100°, at a 2.5% concentration of CrO. The solubility depends regularly only on the CrO_3-branch which confirms the lacking of a chemical interaction of the components in the solution. Chromic anhydride of the highest degree of purity was crystallized from the solution investigated. (Mendeleyev's (Ref 4) method cannot be used, as small quantities of sulfuric acid will always adhere to chromic anhydride.) There are 3 figures, 1 table, and 5 references, 4 of which are Soviet.

SOV/62-59-9-1/40

The Chromyl Chloride - Chromic Anhydride System and the Synthesis of Chromic Anhydride of the Highest Degree of Purity

ASSOCIATION: Institut obshchey i neorganicheskoy khimii im. N. S. Kurnakova Akademii nauk SSSR (Institute of General and Inorganic Chemistry imeni N. S. Kurnakov of the Academy of Sciences, USSR)

SUBMITTED: June 14, 1958

Card 3/3

MAKAROV, S.Z.; VAKHRUSHEV, A.A.

Thermal decomposition of chromyl chloride and formation of polychromyl dichlorides $(CrO_2)_nCl_2$. Izv. AN SSSR Otd. khim. nauk no.10: 1731-1738 O '60. (MIRA 13:10)

1. Institut obshchey i neorganicheskoy khimii im. N.S. Kurnkova Akademii nauk SSSR.

(Chromyl chloride)

VAKHRUSHEV, B.M., inzh.

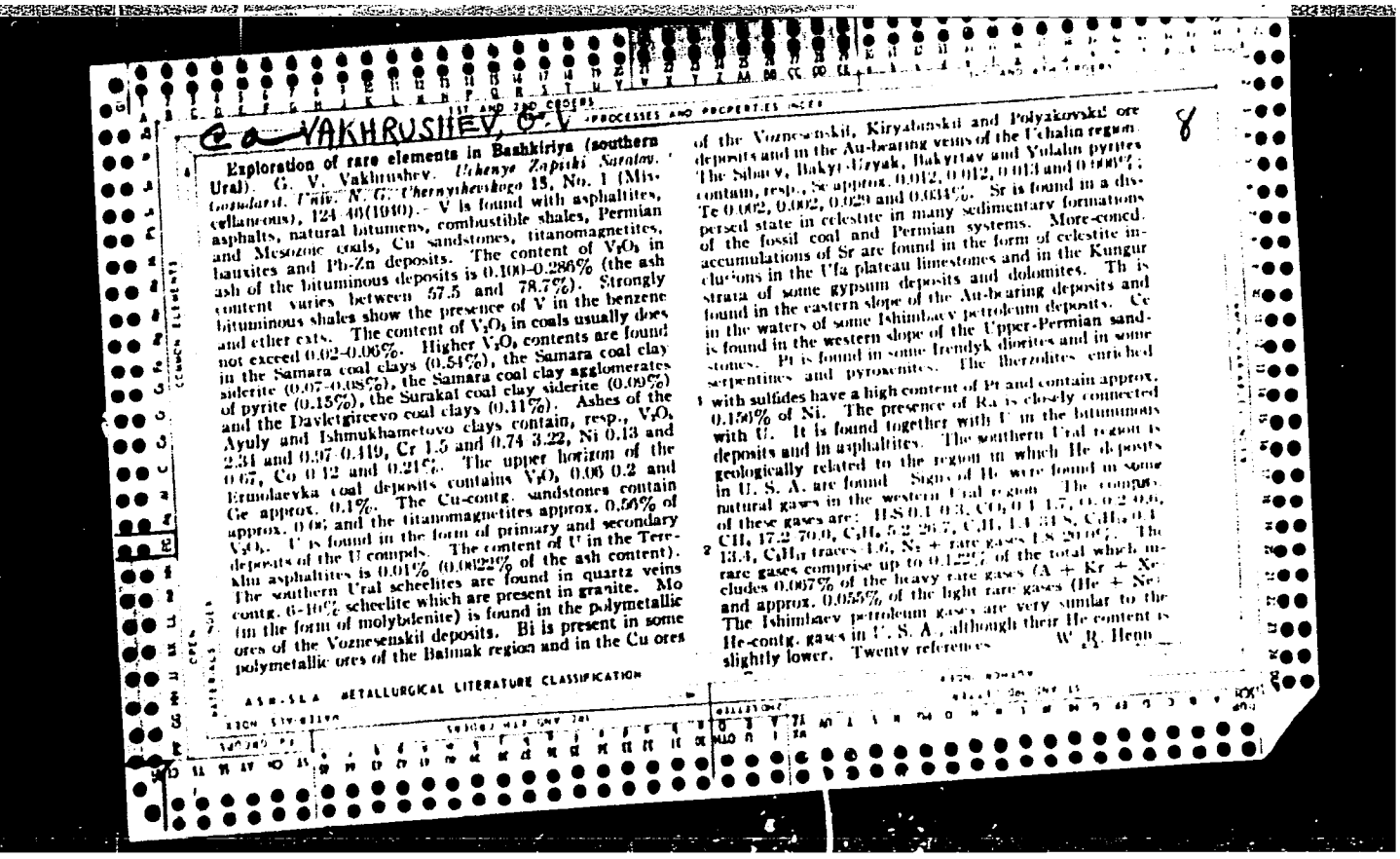
Use of sulfite waste liquor as a slurry diluent and a cement plasticizer. Tsement 30 no.3:10-11 My-Je '64.
(MIRA 17:11)

1. Glavnyy inzhener Leningradskogo tsementnogo zavoda.

Petroleum in Bashkiria Ufa, Bashkir, 1933. 39 p. map. (50-53722)

TN674.R9V25

1. Petroleum - Bashkiria.



Ca VAKHRUSHEV, G.V.

Exploration of rare elements in Bashkiriya (southern Ural). G. V. Vakhrushev. *Uchenye Zapiski Saratov. Gosudarst. Univ. N. G. Chernyshevskogo* 15, No. 1 (Miscellaneous), 124-40(1940).— V is found with asphaltites, asphalts, natural bitumens, combustible shales, Permian and Mesozoic coals, Cu sandstones, titanomagnetites, bauxites and Pb-Zn deposits. The content of V_2O_5 in ash of the bituminous deposits is 0.100–0.286% (the ash content varies between 57.5 and 78.7%). Strongly bituminous shales show the presence of V in the benzene and ether exts. The content of V_2O_5 in coals usually does not exceed 0.02–0.06%. Higher V_2O_5 contents are found in the Samara coal clays (0.54%), the Samara coal clay siderite (0.07–0.08%), the Samara coal clay agglomerates of pyrite (0.15%), the Surakat coal clay siderite (0.09%) and the Davletgireevo coal clays (0.11%). Ashes of the Ayuly and Ishmukhametovo clays contain, resp., V_2O_5 2.31 and 0.97, Ni 0.419, Cr 1.5 and 0.74, Zr 3.22, Ni 0.13 and 0.07, Co 0.12 and 0.21%. The upper horizon of the Ermolaevka coal deposits contains V_2O_5 0.06, Zr 0.2 and Ge approx. 0.1%. The Cu-contg. sandstones contain approx. 0.06 and the titanomagnetites approx. 0.56% of V_2O_5. U is found in the form of primary and secondary deposits of the U compds. The content of U in the Terekhtu asphaltites is 0.01% (0.0022% of the ash content). The southern Ural scheelites are found in quartz veins contg. 6–10% scheelite which are present in granite. Mo (in the form of molybdenite) is found in the polymetallic ores of the Voznesenskii deposits. Bi is present in some polymetallic ores of the Baimak region and in the Cu ores of the Voznesenskii, Kiryabinskii and Polyakovskii ore deposits and in the Au-bearing veins of the Uchalin region. The Sibaev, Bakyr-Uzyak, Bakyrtav and Yulalin pyrites contain, resp., Se approx. 0.012, 0.012, 0.013 and 0.0007%; Te 0.002, 0.002, 0.029 and 0.034%. Sr is found in a dispersed state in celestite in many sedimentary formations of the fossil coal and Permian systems. More-concd. accumulations of Sr are found in the form of celestite inclusions in the Ufa plateau limestones and in the Kungur strata of some gypsum deposits and dolomites. Th is found in the eastern slope of the Au-bearing deposits and in the waters of some Ishimbaev petroleum deposits. Ce is found in the western slope of the Upper-Permian sandstones. Pt is found in some Irendyk diorites and in some serpentines and pyroxenites. The lherzolites enriched with sulfides have a high content of Pt and contain approx. 0.150% of Ni. The presence of Ra is closely connected with U. It is found together with U in the bituminous deposits and in asphaltites. The southern Ural region is geologically related to the region in which He deposits in U. S. A. are found. Signs of He were found in some natural gases in the western Ural region. The compos. of these gases are: H_2S 0.1–0.3, CO_2 0.1–1.7, 0.0–2.0, CH_4 17.2–70.0, C_2H_6 5.2–26.7, C_3H_8 1.4–31.8, C_4H_{10} 0.1–13.4, C_5H_{12} traces–1.6, N_2 + rare gases 18.2–70.6. The rare gases comprise up to 0.122% of the total which includes 0.007% of the heavy rare gases (A + Kr + Xe) and approx. 0.055% of the light rare gases (He + Ne). The Ishimbaev petroleum gases are very similar to the He-contg. gases in U. S. A., although their He content is slightly lower. Twenty references. W. R. Henn

A58-5LA METALLURGICAL LITERATURE CLASSIFICATION

1. VAKHRUSHEV, G.V.

2. USSR (600)

4. Clay-Kazakhstan

7. Report of the Lower Volga group No. 3 on samples of clay in the Saratov Province and in the northern part of the Kazakh S.S.R. for the years 1944-1945. (Abstract) Izv. Glav. upr. geol. fon. no. 2: 1947

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

BACHRUSHEV, G. V.

USSR/Engineering - Petroleum Industry Geology - Petroleum Jul 52

"Methodical-Programmed Meeting on Petroleum"

Vest Ak Nauk SSSR, No 7, p 96

The following reports were read at a meeting in Ufa on the geology, prospecting, extraction, and chemical processing of oil and gas: S. I. Kubikin, Head of "Bashneft" Trust, "Twenty Years of the Petroleum Industry in Bashkir", I. R. Osadchenko, Dir of "Bashneftezavod," "Development of Petroleum Processing in Bashkir," M. Z. Mavlyutovo, Dir of Ufa Petroleum Sci-Res Inst, "Activity of Scientific-Research Organizations on the Petroleum Industry of Bashkir for 20 Years", G. V. Bachrushev, "Origin of Earth and Development of Its Geological Processes."

PA 251T77

Jul/Aug 49

VAKHRUSHEV, G. V.

USSR/Geology - Tectonics

"Tectonics of the Northern Part of the Caspian Depression," G. V. Vakhrushev and A. P. Rozhdestvenskiy

Iz Ak Nauk SSSR, Ser Geol, No 4, pp 91-104

Authors discuss the tectonics of the northern section of the Caspian depression in the light of new geologic, geophysical and geomorphological data. Establish the structural-tectonic zonation of this section and propose a new tectonic scheme for it.

262T46

VAKHRUSHEV, G.V.

Neotectonics of the southern cis-Ural region. Vop. geonorf. i geol. Bashk. no.1:39-48 '57. (MIRA 11:4)
(Ural Mountain region--Geology, Structural)

ZORIN, Sergey Petrovich, prof., doktor tekhn.nauk; KRAUZE, Sergey Nikolayevich, kand.geologo-mineralog.nauk; BUDNIKOV, P.P., red.; VAKHRUSHEV, G.V., doktor geologo-mineralog.nauk, prof., zasluzhennyy deyatel' nauki Bashkirskoy ASSR, red.; OSTASHEVSKAYA, G.A., red.; ZAYNULLINA, G.Z., tekhn.red.

[Gypsum from Bashkiria and its use in construction] Gipsy Bashkirii i ikh ispol'zovanie v stroitel'stve. Pod red. P.P. Budnikova i G.V.Vakhrusheva. Ufa, Bashkirskoe knizhnoe izd-vo, 1959. 229 p. (MIRA 13:3)

1. Chlen-korrespondent Akademii nauk SSSR; deystvitel'nyy chlen Akademii nauk USSR (for Budnikov).
(Bashkiria--Gypsum)

VAKHRUSHEV, G.V.

Latest tectonic movements and zonal development of the relief in the Southern Urals. Vop. geomorf. i geol. Bashk. no. 2:10-21 '59. (MIRA 14:4)

(Ural Mountains--Geology, Structural)

VAKHRUSHEV, G.V.

Latitudinal and sublatitudinal zones of dislocations in the southern Ural Mountain and cis-Ural regions. Vop. geol. vost. okr. Rus. platf. i IUzh. Urala no.2:37-54 '59. (MIRA 12:12)
(Ural Mountain region--Faults (Geology))

VAKHRUSHEV, G.V.

Role of recent techonic movements in the formation of present-day oil and gas deposits in the southern Ural ountain region. Vop. geomorf. i geol. Bashk. no. 2:69-79 '59. (MIRA 14:4)
(Ural Mountain region—Petroleum geology)
(Ural Mountain region—Gas, Natural—Geology)

ROZHDESTVENSKIY, A.P., otv.red.; VAKHRUSHEV, G.V., red.; ZHURENKO, Yu.Ye., red.; OLLI, A.I., prof., red.; SEMCHENKO, G.S., red.; POROYKOV, Yu.D., red.; KOBYAKOV, I.A., tekhn.red.

[Geomorphology and recent tectonics of the Volga-Ural region and the Southern Urals] Geomorfologiia i noveishaia tektonika Volgo-Ural'skoi oblasti i IUzhnogo Urala; trudy. Ufa. Akad.nauk SSSR, Bashkirskii filial, Gorno-geol.in-t, 1960. 347 p.
(MIRA 14:1)

1. Soveshchaniye po geomorfologii i neotektonike Volg-Ural'skoy oblasti i YUzhnogo Urala, Ufa, 1959. 2. Direktor Gorno-geologicheskogo instituta Bashkirskogo filiala Akademii nauk SSSR (for Olli).
(Volga Valley--Geology, Structural)
(Ural Mountain region--Geology, Structural)

TAYCHINOV, S.N., prof., otv.red.; VAKHRUSHEV, G.V., prof., red.; IL'IN, S.S.; prof., red.; BUROV, D.N., prof., red.; MAZILKIN, I.A., prof., kand.biolog.nauk, red.; FILATOV, L.F., red.; KURAMSHIN, M.L., tekhn.red.

[Data on soil investigations in the Ural Mountain and Volga River regions; reports] Materialy po izucheniiu pochv Urala i Povolzh'ia; sbornik dokladov. Ufa, Izd-vo Akad.nauk SSSR, 1960. 297 p. (MIRA 13:12)

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(Ural Mountain region--Soils)
(Volga Valley--Soils)

VAKHRUSHEV, G.V., prof. red.; GIRFANOV, V.K., kand. sel'skokhoz. nauk, zasluzhennyy dey-tel' nauki BASSR, red.; KUCHEROV, Ye.V., kand. sel'skokhoz. nauk, otv. red.; KHANISLAMOV, M.G., kand. sel'skokhoz. nauk, red.; FEDORAKO, B.I., kand. sel'skokhoz. nauk, red.; POROYKOV, Yu.D., red.; KOBYAKOV, I.A., tekhn. red.

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(Bashkiria--Natural resources--Congresses)

VAKHRUSHEV, Georgiy Vasil'yevich; OLLI, A.I., prof., doktor geologo-miner. nauk, otv. red.; SIDOROV, V.V., red.; SHAFIN, I.G., tekhn. red.

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(Burzyanskiy District—Caves)

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Occurrences of impressions of fish in Pliocene sediments from the cis-Ural portion of Bashkiria. Vop. geol. vost. okr. Rus. platf. i IUzh. Urala no. 5:87-92 '60. (MIRA 14:5)
(Bashkiria—Fishes, Fossil)

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Concerning the genesis and age of some boulder and pebble sediments in the cis-Ural portion of Bashkiria. Vop. geol. vost. okr. Rus. platf. i IUzh. Urala no. 5:187-194 '60. (MIRA 14:5)
(Bashkiria--Rocks, Sedimentary)

VAKHRUSHEV, Georgiy Vasil'yevich; OSTASHEVSKAYA, G.A., red.; GAYFULLIN, F.G., tekhn. red.

[Mineral waters and muds of Bashkiria] Mineral'nye vody i griazi Bashkirii. Ufa, Bashkirskoe knizhnoe izd-vo, 1961. 154 p. (MIRA 16:7)

(BASHKIRIA--MINERAL WATERS)
(BASHKIRIA--BATHS, MOOR AND MUD)

VAKHRUSHEV, G.V.

Distribution and conditions governing the formation of karst in Bashkiria. Nov.kar.i spel. no.2:12-24 '61. (MIRA 15:9)
(Bashkiria--Karst)

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(Sharan District--Caves)

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Hot mountain. Priroda 54 no.7:99-103 Jl '65.

(MIRA 18:7)

VAKHRUSHEV, I., elektroslesar'

Greater fulfillment of cultural demands. Sov.profsoiuzy 7 no.15:37 Ag '59. (MIRA 12:12)

1. Ust'-Kamenogorskiy svintsovo-tsinkovyy kombinat.
(Culture)

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Heat transfer from a fluidized bed of burning coke to the surface of horizontal pipes. Khim.prom. no.11:787-789 N '61. (MIRA 15:1)

(Coke) (Heat--Transmission) (Fluidization)

VAKHRUSHEV, I.A.; YEROKHIN, G.S.

Mixing of solid particles in a fluidized bed. Khim.prom. no.11:810-815 N '62. (MIRA 16:2)
(Fluidization)

VAKHRUSHEV, I.A.; KURGANOV, V.M.

Thermal calculation of regenerators and coke heaters for contact catalytic processes. Khim. i tekh.topl. i masel 10 no.11:36-41 N '65. (MIRA 19:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut po pererabotke nefti i gazov i polucheniyu iskusstvennogo zhidkogo topliva.

VAKHRUSHEV, L., general-mayor

Improve, in every possible way, work with the cadres of the political corps. Komm.Vooruzh.Sil 3 no.23:22-28 D '62. (MIRA 16:2)

1. Nachal'nik upravleniya kadrov Glavnogo politicheskogo upravleniya Sovetskoy Armii i Voyenno-Morskogo Flota.
(Russia--Armed forces--Political activity)

REPP, K.Yu., gornyy inzh.; STUDZINSKIY, S.A., gornyy inzh.; VAKHRUSHEV, L.K., gornyy inzh.

Use of a hardening filling at the Gay Combine. Gor. zhur. no.7: 31-33 Jl '65. (MIRA 18:8)

1. Ural'skiy nauchno-issledovatel'skiy i proyektnyy institut mednoy promyshlennosti, Sverdlovsk.

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In 50 countries of the world. Vnesh.torg. 42 no.7:35-37 '62.
(MIRA 15:7)

1. Zamestitel' predsedatelya Dnepropetrovskogo sovnarkhoza.
(Dnepropetrovsk region—Commerce)
(Dnepropetrovsk region—Industries)

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(Kirghizistan--Slate) (MIRA 11:6)

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2.. USSR (600)

4. Loess - Kirghizistan

7. A buried loess horizon in southern Kirghizistan, Izv. AN SSSR. Ser. geol., no. 5, 1952.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

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Soils - Kirghizistan

Mineralogy of sandy clays of Tertiary deposits in northern Kirgizia. Zap. Vses. min. ob. 81, no. 3, 1952

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7. Adulteration in hyperbasic veins of southern Fergana. Izv. AN SSSR. Ser. geol. No. 1, 1953.

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VAKHRUSHEV, V. A.

PA 245T50

USSR/Geophysics - Fergana, Jan/Feb 53
Lithology

"Phenomena of Contamination in Veined Hyperbasic Rocks of Southern Fergana," A. P. Lebedev and V. A. Vakhrushev

"Iz Ak Nauk, Ser Geolog" No 1, pp 114-131

Detailed description of veined hyperbasic rocks in Kizil-Kiy and Sulyutin rayons of southern Fergana. From the peculiarity of the mineralogical and chemical composition of these rocks, the author concludes that their genesis is connected with processes of accumulation of basic magma of the material making up the surrounding rocks.

245T50

245T50

VAKHRUSHEV, V.A.

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(Fergana--Limestone)

VAKHRUSHEV, V.A.

Barite from lower Cretaceous deposits in southern Fergana. Trudy Inst. geol. KirFAN no.4:17-22 '53. (MIRA 11:3)
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W-31146, 1 Feb 55

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Barium nodules from the Lower Cretaceous deposits of southern Fergana. Zap. Vses. min. ob-va 82 no.2:140-142 '53. (MLRA 6:6)
(Fergana--Barium)

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Phenomena of diagenesis and epigenesis in lower Cretaceous Red Beds of southern Kirghizia. Trudy Inst.geol.Kir.Fan SSSR no.5:21-28 '54. (MLRA 9:12)

(Kirghizistan--Geology, Stratigraphic)

VAKHRUSHEV, V. A.

Some data on loess deposits among groups of small hills on the northern slopes of the Alai Range. Trudy Inst.geol.KirFan SSSR no.5:29-36 '54. (MLRA 9:12)

(Alai Range--Loess)

VAKHRUSHEV, V. A.

VAKHRUSHEV, V. A.

Plumbojarosite from N. Kirghiz. V. A. Vakhrushev. *Zapiski Vsesoyuz. Mineralog. Obshchestva* 83, 246-9(1954); cf. Chukhrov, *C.A.* 44, 10600f.—The occurrence is in the polymetallic deposits of the Talkas Range (N. Kirghiz), with lenses and nodules of plumbojarosite in the oxidation zone of sulfide ores in Lower Silurian marbles. The aggregates are fine cryst. and nearly monomineralic, of gold-yellow color; soft, bright-yellow; distinctly pleochroic, from brownish yellow to colorless. The chem. analysis corresponds to the compn. $PbO.3Fe_2O_3.4.2SO_3.6.2H_2O$. Thermal analysis shows endothermal effects at 430° (dehydration) and 720° (decompn. of Fe sulfate). An indistinct endothermal effect at 535° is explained by the oxidation of $FeSO_4$. The X-ray diagram is very similar to that of Cu jarosite. The genesis of plumbojarosite from cold acid sulfate waters circulating in the oxidation zone of sulfide ores is evident; melanterite is often observed. The climatic conditions are most frequently those of an arid, semidesert climate. The occurrence of the Talka Range, however, is under highly humid (only locally semiarid) conditions.

W. Eitel

VAKHRUSHEV, V.A.; VAKHRUSHEVA, Ye.G.

Mineralogical characteristics and origin of loess deposits of the Chuya Basin (northern Kirghizia). Zap.Vses.min.ob-va 83 no.4:402-405 '54. (MLRA 8:2)
(Chuya Basin--Loess)

VAKHRUSHEV, V. A.

USSR/ Geology - Minerals

Card 1/1 : Pub. 22 - 36/49

Authors : Vakhrushev, V. A.

Title : Morphological characteristics of certain accessory minerals of volcanic rocks and their value for the petrography of sedimentary rocks

Periodical : Dok. AN SSSR 98/4, 641-643, Oct. 1, 1954

Abstract : The morphological characteristics of certain accessory minerals, detected in volcanic rocks, extracted from the iron ore mines of Temir-Tau and Shalim in the vicinity of Novosibirsk (western Siberia), are described. The accessory minerals were represented by: zircon, sphene, apatite, epidote, magnetite, pyrite and some other mineral ores. Two USSR references (1934 and 1953). Illustrations.

Institution : Academy of Sciences USSR, West Siberian Branch

Presented by : Academician N. M. Strakhov, July 16, 1954

VAKHRUSHEV, V. A.

USSR/ Scientists - Mineralogy

Card 1/1 : Pub. 86 - 9/39

Authors : Vakhrushev, V. A.

Title : The Academician V. M. Severgin and the study of the colors of minerals.

Periodical : Priroda 44/3, 76 -78, Mar 1955

Abstract : To offset the recently proposed view that the phenomena of color in minerals and rocks had awakened little interest among scientists in the past, the work of V. M. Severgin (1765 - 1826) is recalled. In 1824, Severgin published his work, "About the Colors of Minerals," in which he clearly distinguished between intrinsic and casual coloring. Severgin indicated that coloring was due to metallic oxides but recognized that some colors arose from physical causes, i. e. by the way the minute particles were united. Three Russian and Soviet references (1824 - 1949). Illustration.

Institution : .....

Submitted : .....

VAKHRUSHEV, V.A.

Colloform formations of molybdenite and garnet from Gornaya Shorya and their genesis. Trudy Gor.-geol.inst.zap.-Sib.fil. AN SSSR no.17:79-98 '56. (MIRA 13:5)
(Gornaya Shorya--Molybdenite)
(Gornaya Shorya--Garnet)

VAKHRUSHEV, V.A.

Contact metamorphism between granitic veins and skarn ore formations in the Sheregesheyskoye deposits in the Gornaya Shoriya. Izv.AN SSSR.Ser.geol. 21 no.5:48-55 My '56. (MLRA 9:8)

1. Gorno-geologicheskiy institut Zapadnosibirskogo filiala AN SSSR, Novosibirsk.
(Gornaya Shoriya--Ore-deposits)(Gornaya Shoriya--Geochemistry)

VAKHRUSHEV, V.A.; BORISENKO, V.Ya.

Characteristic type of skarn wall rock at Shalym and its prospecting significance. Razved.i okh.nedr 22 no.12:9:11 D '56. (MLRA 10:2)

1. Zapadno-Sibirskiy filial AN SSSR (for Vakhrushev). 2. Gorno-geologicheskiy institut (for Borisenko).
(Shalym--Ore deposits)

VAKHRUSHEV, V. A.

AUTHOR: Vakhrushev, V.A. 11-10-4/23

TITLE: The Origin of Diorite Porphyrites of the Tashtagol Region in Gornaya Shoriya (O proiskhozhdenii dioritovykh porfiritov rayona Tashtagol v Gornoy Shorii)

PERIODICAL: Izvestiya Akademii Nauk SSSR, Seriya Geologicheskaya, 1957, # 10, p 39-47 (USSR)

ABSTRACT: The article deals with controversial questions on the genesis of "effusion-like" rocks found in the skarn-iron ore deposits at Tashtagol in the Gornaya Shoriya district. Based on findings of field examinations and studies of the mineral and chemical composition, these rocks belong to the diorite-porphyrite group, which was formed as a result of magmatic displacement of limestones. The submitted report supports the contentions of D.S. Korzhinskiy about the wide prevalence of magmatic displacement of limestones and dolomites. Hornstone diorite porphyrites form relatively small bodies, usually deposited in rocks of a sedimentary-effusive strata. The upper parts appear as a solid mass and consist of albitized keratophyres, orthophyres and numerous kinds of tuffogen and clastic formations. The lower part - called the "Tashtagol metamorphic strata" - consists basically of porphyrites of unknown genesis,

Card 1/2

The Origin of Diorite Porphyrites of the Tashtagol Region in the Gornaya Shoriya

of tuff-layers, sandstones and lenses of marmoric limestones and marl. This layer is, in contrast to the upper layer, generally strongly metamorphosed. The author gives a detailed description of the different rocks associated with diorite porphyrites of this area. An analysis of the factual data points definitely to the forming of hornstone diorite porphyrites by way of magmatic displacement, similar to the process described by D.S. Korzhinskiy for the diorite porphyrite deposits of the Tur'ya district of the Central Urals.
There are 1 table, 7 photographs, and 7 references, all of which are Slavic (Russian).

ASSOCIATION: Mining-Geological Institute of the West Siberian Branch of the Academy of Sciences USSR, Novosibirsk (Gorno-geologicheskiy institut zapadno-sibirskogo filiala AN SSSR, g. Novosibirsk)

SUBMITTED: 26 November 1956

AVAILABLE: Library of Congress

3(5) PHASE I BOOK EXPLOITATION SOV/2172

Akademiya nauk SSSR. Mezhduvedomstvennaya postoyannaya komissiya po zhelezu

Zhelezorudnyye mestorozhdeniya Altaye-Sayanskoy gornoy oblasti, tom. 1, kniga. 1: Geologiya (Iron Ore Deposits of the Altay-Sayan Mountain Region, Vol 1, Book 1: Geology) Moscow, 1958. 350 p. (Series: Zhelezorudnyye mestorozhdeniya SSSR) Errata slip inserted. 2,500 copies printed.

Additional Sponsoring Agencies: Akademiya nauk SSSR. Sibirskoye otdeleniye, USSR. Gosudarstvennaya planovaya komissiya. Glavnoye upravleniye nauchno-issledovatel'skikh i proyektnykh organizatsiy, Institut Giproruda, USSR. Ministerstvo geologii i okhrany nedr, USSR. Zapadno-Sibirskoye geologicheskoye upravleniye, USSR. Krasnoyarskoye geologicheskoye upravleniye, Sibirskiy geofizicheskiy trest, Vsesoyuznyy nauchno-issledovatel'skiy geologicheskiy institut.

Eds. of the vol.: P. Ye. Sledzyuk, and G.A. Sokolov; Resp. Ed. of Series: I.P. Bardin, Academician; Scientific Eds.: I.P. Bardin, Academician, T.F. Gorbachev, A.L. Bedin, N.A. Yerofeyev, A.S. Kalugin, N.N. Nekrasov, G.L. Pospelov, M.L. Shebnikov, P. Ye. Sledzyuk, S.S. Smirnov-Verin (Deceased) G.A. Sokolov, S.G. Strumilin, Academician, V.B. Khlebnikov, N.A. Chinakal, and I.S. Shapiro; Ed. of Publishing House: I.G. Kudasheva; Tech. Ed.: I.F. Kuz'min.

PURPOSE: This book is intended for structural, exploration and mining geologists, for geophysicists and mineralogists, and industrial planners.

COVERAGE: This work purports to be the first attempt to review and summarize all the material that has been published on the iron-ore deposits of the Altay-Sayanskaya oblast' during the last 20 years. This area, the work reports is fast becoming one of the most important iron-ore bases in the Soviet Union. The book discusses the economic aspects of the geography and geology of the individual deposits, presents a qualitative and quantitative (as of January 1, 1957) analysis of ore reserves, and evaluates the prospects and possibilities of further development of the Altay-Sayanskaya iron-ore base. The genetic characteristics of iron-ore mineralization of the area are described. Extensive information on the geology of individual deposits, complexes, and regions is provided, and a general genetic description of ore mineralization in the Altay Sayanskaya region is given. There is a historical account of the exploration and development of the region, and of the development of concepts on the genesis of mineralization in the area. The following scientists participated in the preparation and writing of this volume: G.L. Pospelov, S.S. Lapin, F.Kh. Belous. V.M. Klyarovskiy, O.G. Kine, and V.A. Vakhrushev of the West Siberian Branch of the AN SSSR, I.S. Shapiro of the Permanent Interdepartmental Committee on Iron, A.S. Kalugin, A.S. Mukhin, N.A. Gartsts, Yu. A. Spayt, M.I. Selivestrova, V.S. Butkevich, G.P. Bykov, N.I. Nikopov, and K.G. Sakovich of the West Siberian Geological Administration V.I. Medvedkov, A.S. Aladyshkin and P. Ya. Pen of the Krasnoyarsk Geological Administration, M.G. Rusanov, E.A. Yeskutis, Yu. V. Rozhdestvenskiy, G. Ye. Savitskiy, and A.D. Prodanchuk of the West Siberian Geological Survey Chermetrazvedka Trust, P.A. Lysenko, T.I. Lebedev, T.Ya. Kamenskaya, A.I. Maslennikov and R. Piper of the Siberian Geophysical Trust, A.L. Bedin of the VSEGEI, A.S. Mitropol'skiy of the Mining Expedition, V.A. Lakin of the Mining Administration of the Kuznetsk Metallurgical Combine, S.S. Il'in of the Tomsk Polytechnic Institute, I.V. Dербikov of the Sibneftegeofizika Trust, and V.G. Koval' of the Siberian Metallurgical Institute. There are 103 diagrams including insert maps and 10 tables. There are 271 references, all Soviet.

Card 3/9

VAKHRUSHEV, V.A.

Genetic connection of iron and complex mineralization with Kondoma intrusives in Gornaya Shoriya. Zap. Vses. min. ob-va 87 no.2:151-158 '58. (MIRA 11:9)

1. Institut geologii Zapadnosibirskogo filiala AN SSSR, Novosibirsk. Deystvitel'nyy chelen Vsesoyuznogo mineralogicheskogo obshchestva.
(Gornaya Shoriya--Mineralogy)

VAKHRUSHEV, Valentin Aleksandrovich; POSPELOV, G.L., otv.red.; CHERNOVA, L.I., red.; MAZUROVA, A.F., tekhn.red.

[Mineralogy, geochemistry, and genesis of iron ores in the Kondoma region of Gornaya Shoriya (Western Siberia)] Voprosy mineralogii, geokhimii i genezisa zheleznykh rud Kondomskogo raiona Gornoi Shorii (Zapadnaia Sibir'). Otvetstvennyi red. G.L.Pospelov. Novosibirsk, Izd-vo Sibirskogo otd-niia AN SSSR, 1959. 188 p. (MIRA 13:6)
(Gornaya Shoriya--Iron ores)

VAKHRUSHEV, V.A.

Colloform formations of garnet and molybdenum in the Shalym ore deposit (Gornaya Shoriya). Geol.rud.mestorozh. no.1:90-98 Ja-F '59. (MIRA 12:5)

1. Institut geologii i geofiziki Sibirskogo otdeleniya AN SSSR, Novosibirsk.
(Gornaya Shoriya--Garnet) (Gornaya Shoriya--Molybdenum)

3(8)

AUTHOR: Vakhrushev, V. A.

SOV/7-59-4-9/9

TITLE: On the Mineralogical-geochemical Zonality of the Iron Deposits in the Kondomskiy Rayon of Gornaya Shoriya (O mineralogo-geokhimicheskoy zonal'nosti v mestorozhdeniyakh zheleza Kondomskogo rayona Gornoy Shorii)

PERIODICAL: Geokhimiya, 1959, Nr 4, pp 378 - 384 (USSR)

ABSTRACT: The deposits Sheregesh, Shalym, Tashtagol and Kochura do not only belong to the same genetic group, but also show a graduation from the formation at high temperatures to the formation at low temperature in the order mentioned. This can be seen from the mineral association (Tables 1 and 2) and the TiO_2, MnO, MgO, Al_2O_3 tenor of magnetite (Table 3), zinc tenor (Table 4) and gallium tenor (Table 5) which are comprised in a diagram. The chemical analyses (Table 3) were carried out by A. Ye. Korotkikh in the laboratory of the Khimiko-metallurgicheskiy institut ZSFAN SSSR (Chemical Metallurgical Institute ZSFAN USSR), by V. V. Krushevskaya and V. G. Tolstikhina in laboratoriya obogashcheniya (Laboratory of Beneficiation) of the

Card 1/2

On the Mineralogical-geochemical Zonality of the Iron Deposits in the Kondomskiy Rayon of Gornaya Shoriya SOV/7-59-4-9/9

Institut gornogo dela ZSFAN SSSR (Mining Institute ZSFAN USSR) and in Tsentral'naya khimicheskaya laboratoriya ZSGU (Central Chemical Laboratory ZSGU); zinc was determined polarographically by I. L. Kuzinova. The gallium determination was carried out by M. S. Zolotareva in the analytical laboratory of the khimiko-metallurgicheskiy institut ZSFAN SSSR (Chemical-metallurgical Institute ZSFAN USSR). The regular change of the impurity tenor of the magnetites indicates the altered physico-chemical conditions of the ore formation, but also distinctly shows the uniform genetic type of the group of deposits investigated. There are 1 figure, 5 tables, and 4 Soviet references.

ASSOCIATION: Institut geologii i geofiziki Sibirskogo otdeleniya AN SSSR, Novosibirsk (Institute of Geology and Geophysics of the Siberian Branch AS USSR, Novosibirsk)

SUBMITTED: October 24, 1958

Card 2/2

USCOMM-DC-61,253

VAKHRUSHEV, V.A.

Genetic relations between iron ores and intrusions in the Beloretskiy deposit of the Gornyy Altai. Trud. i geofiz. 10:37-45 '60. (MIRA 14:2)

1. Institut geologii i geofiziki Sibirskogo otdeleniya AN SSSR, Novosibirsk.

(Altai Mountains--Iron ores)

VAKHRUSHEV, V.A.

Letter to the editor. Izv.AN SSSR.Ser.geol. 25 no.1:112-113 Ja '60. (MIRA 13:8)

(Gornaya Shoriya--Mineralogy)

VAKHRUSHEV, V.A.; SHCHERBAKOVA, Z.V.

Corundum-spinel rocks in the Sangilen Ridge in southeastern Tuva. Geol. i geofiz. no.4:113-115 '61. (MIRA 14:5)

1. Institut geologii i geofiziki Sibirskogo otdeleniya AN SSSR, Novosibirsk.

(Sangilen Ridge--Corundum)

VAKHRUSHEV, V.A.; SOBOLEV, N.V.

Genetic connections between iron mineralization and intrusives in the Inskoye deposit of the Gornyy Altai. Geol. i geofiz. no.11: 86-98 '61. (MIRA 15:2)

1. Institut geologii i geofiziki Sibirskogo otdeleniya AN SSSR, Novosibirsk.
(Altai Mountains--Rocks, Igneous) (Altai Mountains--Iron ores)

VAKHRUSHEV, V.A.

Impurity elements in accessory magnetite as criteria for the genetic separation of granitoids of the Altai-Sayan region. Dokl. AN SSSR 147 no.3:707-709 N '62. (MIRA 15:12)

1. Institut geologii i geofizikik Sibirskogo otdeleniya AN SSSR. Predstavleno akademikom V.S. Sobolevym.
(Altai Mountains—Rocks, Igneous) (Sayan Mountains—Rocks, Igneous)
(Titanomagnetite)

VAKHRUSHEV, V.A.

Impurity elements in the magnetite of iron ore deposits in the Altai Sayan region. Trudy Inst.geol.i geofiz.Sib.otd.AN SSSR no.15: 31-41 '63. (MIRA 17:4)

VAKHRUSHEV, V.A.; SOBOLEV, N.V.

Garnets of the Irbinskaya group of iron ore deposits. *Trudy Inst. geol.i geofiz.Sib.otd.AN SSSR* no.15:74-79 '63. (MIRA 17:4)

ARKHIPENKO, D.K.; VAKHRUSHEV, V.A.

Chemicostructural studies of phlogopite from skarn-magnetite deposits. Zap.Vses.min.ob-va 93 no.6:704-707 '64.
(MIRA 18:4)

1. Institut geologii i geofiziki Sibirskogo otdeleniya AN SSSR, Novosibirsk.

VAKHRUSHEV, V.A.

Some characteristics of substitution during the formation of skarn-ore deposits. Trudy Inst. geol.i geofiz. Sib.otd. AN SSSR no.30:280-296 '64.

(MIRA 18:11)

VAKHRUSHEV, V.A.

Some characteristics of the distribution of ore accessory minerals in the granites of the Tigeretskii Massif (Gornyy Altai). Dokl. AN SSSR 163 no.2:458-460 Jl '65. (MIRA 18:7)

1. Institut geologii i geofiziki Sibirskogo otdeleniya AN SSSR. Submitted March 4, 1965.

VAKHRUSHEV, Valentin Aleksandrovich; KUZNETSOV, V.A., otv. red.

[Mineralogy, geochemistry, and genetic groups of contact-metasomatic iron ore deposits in the Altai-Sayan area] Mineralogiia, geokhimiia i geneticheskie gruppy kontaktovo-metasomaticheskikh zhelezorudnykh mestorozhdenii Altae-Saianskoi oblasti. Moskva, Nauka, 1965. 290 p. (MIRA 18:4)

1. Chlen-korrespondent AN SSSR (for Kuznetsov).

VAKHRUSHEV, V.P., dotsent [deceased]

Siberian industry and the characteristics of its development in the 18th and the first half of the 19th century. Trudy MINKHiGP no.30:130-165 '59. (MIRA 14:5)

(Siberia--Industries)

More coal Moskva Gospolitizdat, 1941. 20 p.

1. Coal - Russia. 2. Coal mines and mining - Russia.

VAKHRUSHEV, Ye.

Strengthening relations with industrial production. NTO no.3: 38 Mr '59. (MIRA 12:6)

1. Predsedatel' soveta pervichnoy organizatsii nauchno-tekhnicheskogo obshchestva Moskovskoy normativno-issledovatel'skoy stantsii Ministerstva kommunal'nogo khozyaystva RSFSR.
(Community organization)

VAKHRUSHEV, Ye.F.

Device for connecting asbestos cement pipes by means of sleeves.
Vod. i san.tekh. no.3:36-37 Mr '59. (MIRA 12:2)
(Pipe fitting)

VAKHRUSHEV, Ye.F.

Laying underwater pipelines by the method of free submersion. Vod. i san. tekh. no.3:25-28 Mr '58. (MIRA 11:3)
(Pipelines)

TUR'YAN, Ya.I.; VAKHRUSHEV, Yu.A.

Polarographic study of terephthalic and p-toluic acids, their nitro derivatives, dimethylterephthalate, nitrodimethylterephthalate, and methyl-p-toluilate. Zhur. anal. khim. 16 no. 4:483-488 Jl-Ag '61. (MIRA 14:7)

1. State Scientific Research and Design Institute of Nitrogen Industry and the Products of Organic Synthesis, Lisichansk Branch, Severodonetsk. (Terephthalic acid) (Toluic acid) (Polarography)

TUR'YAN, Ya.I.; VAKHRUSHEV, Yu.A.

Polarographic determination of methyl-p-toluate in dimethyl terephthalate. Khim. prom. no.9:65 S '61. (MIRA 15:1)
(Polarography)
(Toluic acid)
(Terephthalic acid)

TUR'YAN, Ya.I.; VAKHRUSHEV, Yu.A.; Prinimali uchastiye: ZAYTSEVA, Z.V.; TUKOVA, A.V.

Polarographic analysis of a mixture of terephthalic, p-toluic, nitroterephthalic, and 3-nitro-p-toluic acids. Zhur.anal.khim. 17 no.1:121-125 Ja-F '62. (MIRA 15:2)

1. Institute of Nitrogen Industry, Lisichansk Branch.
(Terephthalic acid) (Toluic acid) (Polarography)

VAKHRUSHEV, Yu.A.; TUR'YAN, Ya.I.

Kinetic polarographic currents of nitrophthalic acids. Zhur.fiz.khim. 37 no.7:1650-1653 Jl '63. (MIRA 17:2)

1. Gosudarstvennyy institut azotnoy promyshlennosti i produktov organicheskogo sinteza, Lisichanskiy filial i Yaroslavskiy institut monomerov.

TUR'YAN, Ya.I.; VAKHRUSHEV, Yu.A.

Polarographic study of the kinetics of recombination of trimellitic acid anions with hydroxonium ion. Zhur.fiz.khim. 37 no.8: 1921-1923 Ag '63. (MIRA 16:9)

1. Yaroslavskiy institut monomerov i Lisichanskiy filial Instituta azotnoy promyshlennosti.
(Trimellitic acid) (Oxonium compounds)

L 11158-66 EWT(d)/FSS-2/EWT(m)/EEC(k)-2/EWP(1)/T/EWA(c) IW/DJ/RM/BC

ACC NR: AP6000357 SOURCE CODE: UR/0286/65/000/021/0052/0052

AUTHORS: Varaksin, L. V.; Vakhrushev, Yu. A.

ORG: none

TITLE: Cardan suspension. Class 42, No. 176080

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 21, 1965, 52

TOPIC TAGS: gyroscope suspension, gyroscope component

ABSTRACT: This Author Certificate presents a Cardan suspension for a gyroscopic device, containing outer and inner frames mounted by journals in bearings. To decrease the gyroscope drift, an error compensator is inserted between the coupled parts of the bearing and ring (see Fig. 1). The compensator is made of material having a transient yield or plasticity, e.g., of cold hardening epoxy compound. The material allows the required spacing of the bearing in the ring to take place during this phase.

Card 1/2 UDC: 621.822.7--752'.4--531.4:666.968.8

L 11158-66

ACC NR: AP6000357

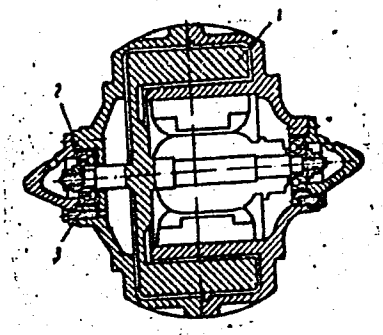

Fig. 1. 1 - Rotor; 2 - bearing; 3 - compensator.

Orig. art. has: 1 diagram.

SUB CODE: 17/ SUBM DATE: 07Jan65

Card 2/2

VAKHRUSHEV, Yu.A.; TUR'YAN, Ya.I.

Polarographic study of the recombination kinetics of anions and dissociation of molecules of terephthalic acid. Zhur. fiz. khim. 39 no.4:979-982 Ap '65. (MIRA 19:1)

1. Nauchno-issledovatel'skiy institut monomerov, Yaroslavl'. Submitted Dec. 19, 1963.

DESOV, A.Ye., doktor tekhn.nauk, prof.; VAKHRUSHEVA, A.N., inzh.

Methods of testing concrete for expansion by cracking and for expansion under flexure. Trudy NIIZHB no.29:143-160 '62.
(MIRA 15:11)

(Concrete--Testing)

VAKHRUSHEVA, I.

Thus friendship was born. Sov.profsoiuzy 4 no.10:70-72 O '56.
(MLRA 9:11)

1. Profgrupporg tsekha No. 1 koshkombinata imeni Lenina, Kirovskoy oblasti.

(Trade unions)

VAKHRUSHEVA, I.A.; PETRI, V.N.

Use of larch shavings and sawdust for the manufacture of wood plastics without bonding. Der.prom. 11 no.11:9-10 N '62.
(MIRA 15:12)

(Wood, Compressed) (Larch)