

*Gregory, D.P.*

Anatoli Kapitonovich Boldyrev, his life and scientific work. *I. I. Shatunovskii, V. I. Mikheyev, J. P. Ganyuzin and N. N. Smolov. Zapiski Vostochno-Mirovogo Otsnaka* 85, 83-87 (1950). -- A discussion of Boldyrev's work in crystallography and mineralogy. *J. Kristal Louch*

*4*

*11/11*

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GRIGOR'YEV, D.P.

On the occasion of the 80th birthday of professor  
Frantisek Slavik. Zap.Vses.min.ob-va 85 no.2:135-136.  
'56.

(MLRA 9:9)

(Slavik, Frantisek, 1876-)

GRIGORYEV, D. F.

✓ Recrystallization of minerals. D. F. Grigor'ev. Zapiski Vsesoyuz. Mineralog. Obshchestva 85, 147-160 (1956). — G. distinguishes recrystallization phenomenon from metamorphism. He defines a crystal from originally amorphous material as a crystal that has grown in a solid state. Recrystallization is a process of growth of new crystals from old crystals. The process is characterized by the fact that during it the original crystals are destroyed and new grains are formed. The process is accompanied by a change in the physical and chemical properties of the material. These principles are illustrated by the following phenomena: recrystallization of native Au, of pyrite, of garnets, of calcite, of dolomite, of pyroxenes, of feldspars, of garnets, of calcite, of dolomite, of pyroxenes, of feldspars, of garnets. The recrystallization of pyrite is dynamometamorphism in the ore deposits of the Middle Ural with a "igneous" structure. The changes in the crystal habit during recrystallization are governed by the Curie-Wulff theorem of the surface energy for the individual crystal faces. This principle is demonstrated for the alums; the recrystallization of snow and of chalcopyrite-boracite intergrowths belongs to this group. Also Lemnitskiy

Grigor'ev

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Geigley, D. R.

observations on the changes of liquid inclusions (as negative crystals) in  $\text{NaNO}_3$  crystals show analogies with the recrystallization of aggregates (the increased size of smaller crystals and the tendency to form larger crystals) and the mechanisms of lamellar growth (see also the work of Burger and Washburn, 1957, on the growth of calcite crystals from a liquid solution).

The changes in the size of liquid inclusions in crystals of  $\text{NaNO}_3$  are similar to those observed in the recrystallization of aggregates of smaller crystals and the tendency to form larger crystals (see also the work of Burger and Washburn, 1957, on the growth of calcite crystals from a liquid solution).

Large crystals of  $\text{NaNO}_3$  are often found in nature, especially under tectonic conditions, and their growth is particularly important in the transition from small crystals to large crystals. The growth of large crystals is particularly important in the transition from small crystals to large crystals.

The growth of large crystals is particularly important in the transition from small crystals to large crystals. The growth of large crystals is particularly important in the transition from small crystals to large crystals.

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GRIGOR'YEV, D.P.

~~Professor N.A. Smol'ianinov's book "A practical handbook on mineralogy."~~

Professor N.A. Smol'ianinov's book "A practical handbook on mineralogy."  
Reviewed by D.P. Grigor'ev. Zap. Vses. min. ob-va 85 no. 3:440-443 '56.  
(Mineralogy) (Smol'ianinov, N.A.) (MLBA 9:11)

GRIGOR'YEV, D.P.

Development of ideas on the objects of study in mineralogy and  
A.K. Boldyrev's concept of minerals. Zap.Vses.min.ob-va 85 no.  
4:463-471 '56. (MLRA 10:2)

1. Kafedra mineralogii Leningradskogo ordenov Lenina i  
Trudovogo Krasnogo Znamenii Gornogo instituta.  
(Mineralogy) (Boldyrev, A.K.)

GRIGOR'YEV, D.P.

SHAFRANOVSKIY, Ilarion Ilarionovich; TATARINOV, P.M., red.; GORSKIY, I.I., red.; ALFEROV, B.A., prof., red.; ANDREYEV, B.A., prof., red.; GRIGOR'YEV, D.P., prof., red.; TETAYEV, M.M., prof., red.; TOLSTIKHIN, N.I., prof. red.; LEVENBERG, H.V., red.; VODOLAGINA, S.D., tekhn.red.

[Mineral crystals] Kristally mineralov [Leningrad] Izd-vo Leningr. univ. Pt.1. [Plane-face forms] Ploskogramnye formy. 1957. 220 p. (MIRA 11:2)

1. Chlen-korrespondent AN SSSR (for Tatarinov, Gorskiy)  
(Crystallography)

*Grigor'yev, D.P.*

70-5-18/31

AUTHOR: Grigor'yev, D.P.

TITLE: Illarion Illarionovich Shafranovskiy (On The Fiftieth Anniversary of His Birth) (Illarion Illarionovich Shafranovskiy (K pyatidesyatiletiyu so dnya rozhdeniya)

PERIODICAL: Kristallografia, 1957, Vol.2, No.5, pp. 676-677 (USSR)

ABSTRACT: Bibliographical and congratulatory notice. Shafranovskiy is the author of 200 papers, mainly on crystal morphology, the history of crystallography and mineralogy and of the books "Mineral Crystals", 1957 and "Diamonds", 1953.

AVAILABLE: Library of Congress

Card 1/1



GRIGOR'YEV, D.P., kandidat geograficheskikh nauk.

Snowfalls in Amur Province. Priroda 46 no.3:125-126 Mr '57.

(MLRA 10:3)

1. Amurskaya ekspeditsiya Soveta proizvoditel'nykh sil Severa Akademii nauk SSSR.

(Amur Province--Snow)

GRIGOR'YEV, D.P., kand. geogr. nauk.

Thunderstorms in Amur Province. Priroda 46 no.8:124-125 Ag '57.  
(MLRA 10:9)

1. Amurskaya akspeditaiya Soveta proizvoditel'nykh sil Severa  
Akademii nauk SSSR.  
(Amur Province--Thunderstorms)

GRIGOR'YEV, D.P.

The activity of the editorial board of "Zapiski" of the All-Union Mineralogical Society from 1947-1956 and its present tasks. Zap. Vses. min. ob-va 86 no.2:185-190 '57. (MLBA 10:6)  
(Mineralogy--Periodicals)

GRIGOR'YEV, D.P.; BONSHTEDT-KUPLETSKAYA, E.M.; GRITSAYENKO, G.S.; MIKHEYEV,  
V.I. [deceased]; TATARSKIY, V.B.

From the Commission of New Minerals of the All-Union Mineralogical Society. Zap. Vses. min. ob-va 86 no.2:315-316 '57.

(MIRA 10:6)

1. Predsedatel' Leningradskogo gornogo instituta (for Grigor'yev and Mikheyev). 2. Institut geologii rudnykh mestorozhdeniy, petrografii, mineralogii i geokhimii Akademii nauk SSSR, Moskva (for Bonshtedt-Kupletskaya and Gritsayenko). 3. Leningradskiy gosudarstvennyy universitet (for Tatarskiy).

(Mineralogical societies)

STULOV, N.N.; SHAFRANOVSKIY, I.I.; MOKIYEVSKIY, V.A.; POPOV, G.M.; BITEKH-  
TIN, A.G.; NIKOLAYEV, V.A.; ANSHULES, O.M.; GRIGOR'YEV, D.P.;  
YKROFNYEV, B.N.; TATARSKIY, V.B.; SOLOV'YEV, S.P.; NIKITIN, V.D.;  
RUDENKO, S.A.; DUBININA, V.N.; ALYAVDIN, V.F.; VLADIMIROV, B.N.;  
KAZITSYN, Yu.V.; FRANK-KAMENETSKIY, V.A.; KALININ, A.I.; BALA-  
SHOVA, M.N.; SAL'DAU, E.P.; DOLIVO-DOBROVOL'SKAYA, G.M.; LAV-  
RENT'YEV, M.F.

Viktor Ivanovich Mikheev. Zap. Vses. mu. ob-va 86 no.2:317-320  
'57. (MLBA 10:6)

(Mikheev, Viktor Ivanovich, 1912-1956)

*GRIGOR'YEV, D.F.*  
GRIGOR'YEV, D.F.

In memory of M.L.Bowen. Zap.Vestn.ob-va 86 no.3: 382-387 '57.  
(MLRA 10:9)

1. Deystvitel'nyy chlen Vsesoyuznogo mineralogicheskogo obshchestva.  
(Bowen, Norman Levi, 1887-1956)

*G. H. Smith*  
~~GRIGORAYEV, D.P.~~

Book of F. H. Smith on mineralogical thermometry. Zap. Vses.  
min. ob-va 86 no.4:515-516 '57. (MIRA 11:1)  
(Thermometry) (Earth temperature)  
(Smith, F.H.)

GRIGOR'YEV, D.P.

Development of mineralogy in the U.S.S.R. during the past 40 years.  
Zap.Vses.min.ob-va 86 no.5:539-557 '57. (MIRA 10:10)  
(Mineralogy)



AUTHOR GRIGOR'YEV, D.P. 20-1-50/64  
TITLE On the Grooves in Quartz of the Berezovskoye Gold Deposits in the Ural.  
(Shrany na kvarttsakh v Berezovskom zolotorudnom mestorozhdenii na Urals -  
-Russian)  
PERIODICAL Doklady Akademii Nauk SSSR, 1957, Vol 114, Nr 1, pp 182 - 184 (U.S.S.R.)  
ABSTRACT In the quartz ores (which are already classical) in the area of the above  
gold deposits there can be found crystalline formations of a particular  
kind: minerals which are grown on the quartz, but also minerals which fill  
out eventual fissures in the ore vein or which displace the quartz crystal  
itself. Tectonic phenomena can also be noticed on all minerals of the Beri-  
ozovk ore veins (as deformations of different kinds), and it should be no-  
ted that these deformations took place several times. To be brief, the fol-  
lowing can be said on the grooves and fissures: galenite which, in some pla-  
ces, filled out the fissures, occurred in the form of large crystalline  
grains, with a diameter up to 10 cm. The character of the surface of the  
minerals proves that quartz was dissolved there, and that galenite came into  
touch with quartz. The quartz crystals also have strongly rounded grooves.  
The grooves and scratches are not caused by purely mechanical influences  
but rather by tetrahedrite and galenite. This formation of grooves and scrat-  
ches is an interesting phenomenon in the genetic history of this mineral,  
as recorded by the tectonic changes in quartz (and in its companion minerals).

Card 1/2

On the Grooves in Quartz of the Berezovskoye Gold Deposits in the Ural. 20-1-10/64

ASSOCIATION Not Given.  
PRESENTED BY  
SUBMITTED  
AVAILABLE Library of Congress.  
Card 2/2

NIKOL'SKAYA, Vera Vasil'yevna; GRIGOR'YEV, Dmitriy Pavlovich; NASULICH, Lidiya Fedorovna; RIKHTER, G.D., doktor geograficheskikh nauk, otvetstvennyy red.; POCHUNKOV, K.I., red. izd-va; ZELEKOVA, Ye.V., tekhn. red.

[Zeya-Bureya Plain; papers on its physical geography in relation to agricultural exploitation] Zeisko-Bureinskaya ravnina; materialy po fizicheskoi geografii v svyazi s sel'skokhoziaistvennym ispol'sovan-  
niem. Moskva, Izd-vo Akad. nauk SSSR, 1958. 133 p. (MIRA 11:7)  
(Zeya-Bureya Plain--Physical geography)

AUTHOR: Grigor'yev, D. P., Professor SOV/50-58-10-17/53

TITLE: Brief Communications (Kratkiye soobshcheniya) Founding Congress of the International Mineralogical Association (Uchreditel'nyy s"yezd Mezhdunarodnoy mineralogicheskoy assotsiatsii)

PERIODICAL: Vestnik Akademii nauk SSSR, 1958, Nr 10, pp 84-85 (USSR)

ABSTRACT: The Congress took place in Madrid from April 8 to 10, 1958. The decision concerning the creation of this new scientific association was taken in the assembly of mineralogists at the 4th Congress of the International Crystallographic Association in 1957. As official delegates the representatives of scientific societies of the following countries were present: Austria, United Kingdom, Germany (united delegation), Netherlands, Spain, Italy, Canada, USSR, USA, Finland, France, Switzerland, Sweden, and Japan. Belgium was represented inofficially. Scientific societies of the following countries promised to join the association: Australia, Bulgaria, New Zealand, Norway, Pakistan, Czecho-Slovakia, and the Union of South Africa. The delegation of the USSR included K. A. Vlasov, Corresponding Member, AS USSR, and Professor D. P. Grigor'yev. In the first meeting it was resolved to create the International Mineralogical Associa-

Card 1/2

Brief Communications. Founding Congress of the International Mineralogical Association

SOV/30-58-10-17/53

tion and its constitution was adopted. The congress elected the Executive Committee, to which D. P. Grigor'yev (USSR) belongs as one of the vice-presidents. Afterwards a symposium took place which was devoted to modern achievements and future research in the field of mineralogy. D. P. Grigor'yev pointed out the necessity of studying minerals as natural-historical forms. The next Congress of the International Mineralogical Association was scheduled for Zurich in the fall of 1959.

Card 2/2

AUTHOR: Grigor'yev, D.P., Professor SOV-26-58-11-8/49

TITLE: The International Mineralogical Association (Mezhdunarodnaya mineralogicheskaya assotsiatsiya). Notes of a Participant in the Constituent Session (Zametki uchastnika uchreditel'nogo s'yezda)

PERIODICAL: Priroda, 1958, Nr 11, pp 50 - 53 (USSR)

ABSTRACT: The article reports on the Foundation Session of the International Mineralogical Association in Madrid from 8 to 10 Apr 1958, in which author participated as a member of the Vsesoyuznoye mineralogicheskoye obshchestvo (All-Union Mineralogical Society) and a member of the organization committee of the International Mineralogical Association. Associate of the AS USSR, K.A. Vlasov, attended as the delegate of the AS USSR. The author was elected vice president of the executive committee, and read a paper on the general development of mineralogy. There are 3 photographs.

ASSOCIATION: Leningradskiy gornyy institut (The Leningrad Mining Institute)

1. Minerals--USSR

Card 1/1

GRIGOR'YEV, D.P.

Three types of plastic deformation of galenite. Min.sbor.  
no.12:129-143 '58. (MIM 13:2)

1. Gornyy institut imeni G.V.Plekhanova, Leningrad.  
(Galena)

GRIGOR'YEV, D.P., prof.

International Mineralogical Association. Priroda 47 no.11:50-53  
# 58. (MIRA 11:12)

1. Leningradskiy gornyy institut.  
(Madrid--Mineralogy--Congresses)



ORIGOR'YEV, D.P.; KUZNETSOVA, V.G.

New exhibition of minerals in the Mineralogical Museum. Zap. Vses.  
min. ob-va 87 no.1869-75 '58. (MIRA 11:6)

1. Gornyy Muzei i kafedra mineralogii Leningradskogo gornogo  
instituta.  
(Leningrad--Mineralogical museums)

GRIGOR'YEV, D.P.

Natural cleavage of quartz. Zap. Vses. min. obva 87 no.4:418-422  
'58. (MIRA 12:1)

1. Kafedra mineralogii Leningradskogo gornogo instituta.  
(Quartz)

GRIGOR'YEV, D.P.

Report on the inaugural meeting of the International Mineralogical  
Association in Spain. Zap. Vses. min. ob-va 87 no.4:518-525 '58.  
(MIRA 12:1)  
(Madrid (City)--Mineralogy--Congresses)

PHASE I BOOK EVALUATION

SOV/5236

Grigor'yev, Daniil Petrovich

Khimicheskaya promyshlennost' v Omskom ekonomicheskom rayone (Chemical Industry in the Omsk Economic Region) [Omsk] Omskoye knizhnoye izd-vo, 1959. 27 p. 2,000 copies printed. (Series: Omskaya oblast' v semiletke)

Ed.: P.F. Klimina; Tech. Ed.: V.I. Mel'nikov.

**PURPOSE:** This booklet is intended for the general reader.

**COVERAGE:** The booklet briefly discusses the development of the chemical industry, particularly that of synthetic materials, in the Omsk economic-administrative region. Specifically discussed are the operations of the Omskiy neftepererabatyvayushchiy zavod (Omsk Petroleum Processing Plant), the Omskiy shinnyy zavod (Omsk Tire Plant), the Omskiy sazhevyy zavod (Omsk Carbon Black Plant), and the projected Zavod sinteticheskikh materialov (Synthetic Materials Plant). There are no references. No personalities are mentioned.

Card-1/2

9(6)

AUTHORS:

Gernet, Ye.V., Grigor'yev, D.P.

SOV/32-25-4-57/71

TITLE:

Production of Screens for the Electron Microscope  
(Polucheniye setok dlya elektronnoy mikroskopy)

PERIODICAL:

Zavodskaya Laboratoriya, 1959, Vol 25, Nr 4, pp 497-498 (USSR)

ABSTRACT:

To produce high-quality preparations plane metal screens to be used with the electron microscope EM-3 must be available. In the case of a method already described (Ref 1) some difficulties arise, and the article therefore gives a description of a new method for the production of these metal screens. In order to produce a negative, a thin copper screen (50-55 openings per  $\text{mm}^2$ ) was contact-photographed on a diapositive film (light sensitivity 0.7 according to GOST). The source of light was a point lamp of the lighting fixture OI-7. After carefully cleaning a glass plate (6 x 9 cm), a silver film of 0.2 - 0.5  $\mu$  thickness is applied. Then the plate is dipped into a chrome tanned albumin solution and dried. The process, which is to be carried out in darkness, is repeated twice. The negative mentioned above is then printed on the glass plate prepared in the above way, and the screen structure developed (with 10%  $\text{K}_3\text{FeCy}_6$  and 12%  $\text{Na}_2\text{S}_2\text{O}_3$  1:3).

Card 1/2

Production of Screens for the Electron Microscope

SOV/32-25-4-57/71

The albumin is removed by hot water. Copper is then applied electrolytically on this screen structure; the copper screen which forms in this way is removed, and nickel is applied electrolytically. A punch (Fig 1) is used to cut screens with a diameter of 2 mm from this screen (6 x 9 cm, thickness 25-35  $\mu$ ). Since the screens might be soiled or damaged during storage and handling, a special case has been designed (Fig 2). It is of cylindrical shape and contains 12 rod magnets which hold the metal screens in the sheaths in which they are kept. There are 2 figures and 3 references. 2 of which are Soviet.

ASSOCIATION:

Gor'kovskiy institut gigiyeny truda i profzabolevaniy  
(Gor'kiy Institute of Industrial Hygiene and Occupational Diseases)

Card 2/2

GRIGOR'YEV, D.P.

Committee on New Minerals of the International Mineralogical Association.  
Zap.Vses.min.ob-va 88 no.3:368 '59. (MIRA 12:11)  
(Madrid--Mineralogy--Congresses)

GRIGOR'YEV, D.P.

Rate of crystallization of minerals. Zap. vses. min. ob-va 88 no.5:  
497-511 '59. (MIRA 13:2)

.1.Kafedra mineralogii Leningradskogo gornogo instituta.  
(Crystallisation)



ABDULLAYEV, Kh.M.; BARSANOV, G.P.; GRIGOR'YEV, D.P.; KARYAKIN, A.Ye.;  
KASHKAY, M.A.; SOLOV'YEV, S.P.; UKLONSKIY, A.S.; SHADLUN, T.M.

Congress of the International Mineralogical Association in  
Switzerland. Zap. Vses. min. ob-va 89 no.1:133-137 '60.  
(MIRA 13:10)  
(Mineralogy--Congresses)

GRIGOR'YEV, D.P.; MATVEYEVA, I.N.

Parallel columnar calcite from green rocks of the Berezovskiy  
gold deposits in the Urals. Izv. vys. ucheb. zav.; geol. i  
razv. 3 no.7:53-58 J1 '60. (MIRA 13:9)

1. Leningradskiy gornyy institut.  
(Ural Mountains--Calcite)

GRIGOR'YEV, D.P.

Leonard James Spencer; obituary. Zap.Vses.min.ob-va 89 no.2:  
251-252 '60. (MIRA 13:7)

1. Deystvitel'nyy chlen Vsesoyuznogo mineralogicheskogo obshchestva.  
(Spencer, Leonard James, 1870-1959)

MIKHEYEV, Viktor Ivanovich, prof. [1912-1956]; LEVENBERG, N.V., otv. red.;  
TATARINOV, P.M., red.; ALFEROV, B.A., prof., red.; ANDREYEV, B.A.,  
prof., red.; GRIGOR'YEV, D.P., prof., red.; POGREBITSKIY, Ye.O., prof.,  
red.; TOLSTIKHIN, N.I., prof., red.; SHAFRANOVSKIY, I.I., prof., na-  
uchnyy red.; MIKHEYEVA, I.V., dots., nauchnyy red.; DAYEV, G.A., ve-  
dushchiy red.; ZABRODINA, A.A., tekhn. red.; GENNAD'YEVA, I.M., tekhn.  
red.

[Homology of crystals] Gomologiya kristallov. Leningrad, Gos:  
nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 206 p.  
(MIRA 14:10)

1. Chlen-korrespondent AN SSSR (for Tatarinov).  
(Crystallography)

GRIGOR'YEV, D.P., prof.; LAZARENKO, Ye.K., prof., otv. red.;  
~~FURMAN, K.P., red.~~; SARANYUK, T.V., tekhn. red.

[Ontogeny of minerals] Ontogenia mineralov. L'vov, Izd-vo  
L'vovskogo univ., 1961. 283 p. (MIRA 15:3)

1. Leningradskiy gornyy institut, Kafedra mineralogii (for  
Grigor'yev). 2. Chlen-korrespondent Akademii nauk USSR (for  
Lazarenko).

(Minerals)

GRIGORYEV, D.P., KOLOMENSKIY, V.D., KUZNETSOVA, V.G.

Concerning compilation of the mineralogy of meteorites.

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"METEORITKA" (Meteorites-Studies) Issue no. 20 - 1961, sponsored by the  
"Committee on Meteorites" of the Soviet Academy of Sciences - Moscow - 1961,  
208 pages, and containing Collected Works ("Trudy") of the "9th Meteorite Conference"  
Organized by the Committee on Meteorites of the Soviet Academy of Sciences and  
Held in KIEV on 2-4 June 1960.

GRIGOR'YEV, D.P.

What is a mineral? Zap.Vses.min.ob-va 90 no.4:431-437 '61.  
(MIRA 14:9)  
(Minerals)

GRIGOR'YEV, D.P.; BONSHTEDT-KUPLETSKAYA, E.M.; BORNEMAN-STARYNKEVICH,  
I.D.; GRITSAYENKO, G.S.; TATARSKIY, V.B.; FRANK-KAMENETSKIY, V.A.

To all mineralogists of the Soviet Union. Zap.Vses.min.ob-va 90  
no.5:607-608 '61. (MIRA 14:10)

1. Predsedatel' Komissii po novym mineralam Vsesoyuznogo mineralogicheskogo obshchestva (for Grigor'yev).
2. Komissiya po novym mineralam Vsesoyuznogo mineralogicheskogo obshchestva (for all).  
(Mineralogical societies)



GRIGOR'YEV, Dmitriy Pavlovich; SHVIRYAYEV, Yu.T., red. izd-vn; BYKOVA,  
V.V., tekhn. red.

[Fundamentals of the constitution of minerals] Osnovy konsti-  
tutsii mineralov. Moskva, Gosgeoltekhizdat, 1962. 59 p.  
(MIRA 15:9)

(Mineralogy)

S/030/62/000/004/001/010  
B101/B110

AUTHOR: Grigor'yev, D. P., Professor

TITLE: Cosmic mineralogy - a new branch of science

PERIODICAL: Akademiya nauk SSSR. Vestnik, no. 4, 1962, 21 - 24

TEXT: The resolution of the 9-ya meteoritnaya konferentsiya (9th Conference on Meteorites) (1960) concerning the further development of cosmic mineralogy as a special branch of science is explained by well-known data on characteristics of meteoritic minerals diverging from terrestrial minerals. The conference suggested that, first of all, the data on meteoritic minerals known so far should be compiled. It is emphasized that this new development is of immediate interest to the conquest of the universe and, in particular, to the possibility of investigating cosmic minerals by sampling in situ.

Card 1/1

GRIGOR'YEV, D.P., prof.

Space mineralogy, a new branch of science. Vest.AN SSSR 32  
no.4:21-24 Ap '62. (MIRA 15:5)

(Meteorites)

GRIGOR'YEV, D.P.; KARYAKINA, T.A.

Crystallization of quartz in chalcedony geodes. Min. sbor. no.16:  
106-112 '62. (MIRA 16:10)

1. Gornyy institut imeni G.V. Plekhanova, Leningrad  
(Crystallization) (Quartz) (Geodes)

GRIGOR'YEV, D.P.

On the name of the mineral which is a modification of maximum-  
density silica. Zap.Vses.min.ob-va 91 no.5:635-636 '62.

(Minerals)

(MIRA 15:11)

GRIGOR'YEV, D.P., prof.

Crystal chemistry of minerals in the book "Flotation of silicates  
and oxides." Obog. rud. 8 no.2:40-41 '63. (MIRA 17:2)

1. Kafedra mineralogii Leningradskogo gornogo instituta.

GHEORGIYEV, G.I.

Georgii Glebovich Lemlein; obituary. Zap. Vost. muz.  
otpys 52 no. 3:302-314 '69.

(KPA 17:9)

SHAFRANOVSKIY, I.I.; BELOV, N.V.; BOKIY, G.B.; GRIGORIYEV, D.P.;  
STULOV, N.N.; MOKIYEVSKIY, V.A.; TATARSKIY, V.B.;  
MIKHEYEVA, I.V.; DOLIVO-DOBROVOL'SKAYA, G.M.

Georgii Mikhailovich Popov; obituary. Zap. Vses. min. ob-va  
92 no.5:613-615 '63. (MIRA 17:1)



BRIGOROV, B.P.

Mineralogical school of A.K. Boltzhev. Zap. Vses. min. ob-va  
93 no. 2:163-167 '64. (MIRA 17:6)

L 6655-65 AFETR/ASD(r)/AFWL  
ACCESSION NR: AP4041401

8/0020/64/156/006/1355/1357

AUTHOR: Grigor'yev, D. P.

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TITLE: Primary crystallization of minerals, and the structure of chondrules

SOURCE: AN SSSR. Doklady\*, v. 156, no. 6, 1964, 1355-1357

TOPIC TAGS: primary mineral crystallization, meteoric chondrule, meteorite, chrysolite, bronzite, minerology

ABSTRACT: Meteoric chondrules are small spherical bodies usually consisting of chrysolite or bronzite, and glass. Very numerous structures were described in which the minerals appear in the chondrules. The structure is the result of the primary crystallization and of the subsequent deformation and recrystallization. Although the structures of primary crystallization appear in the microsections in a great variety of forms, they belong to one of the groups: excentrically radial, spike-like, and porphyritic. An idealized lamellar and needle-like, excentrically radial spherulites is shown in fig. 1 of the enclosure. The great variety of structures appearing in the cross sections is obtained from the same spherulite by the proper orientation of the cut. Orig. art. has: 3 figures.

Card 1/3

L 6655-65

ACCESSION NR: AP4041A01

ASSOCIATION: Leningradskiy gornyy institut im. G. B. Plekhanova (Leningrad Mining Institute)

SUBMITTED: 13Mar64

ENCL: 01

SUB CODE: ES, AA

NO REF SOV: 005

OTHER: 002

Card 2/3

L 6655-65

ACCESSION NR: AP4041A01

ENCLOSURE: 01

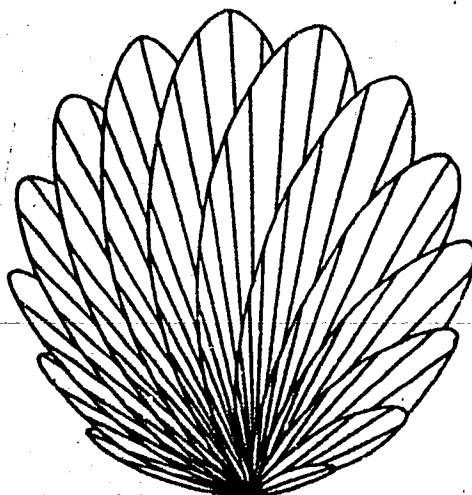


Fig. 1 - Scheme of the lamellar and needle-like, excentrically-radial structure of spherulites.

Card 3/3

SPINAKOV, P.I.

An explanation of the constitution of silicates. Dokl. AN SSSR  
161 no.6:1400-1403 Ap '65. (MIRA 13:5)

L. Leningradskiy gornyy institut im. G.V.Flekhanova. Submitted  
December 17, 1964.

AUTHOR: Gaponov, A. V.; Gol'denberg, A. L.; Grigor'yev, D. P.; Orlova, I. M.; Pan-kratova, T. B.; Petelin, M. I. SOURCE CODE: UR/0386/65/002/009/0430/0435

ORG: Gor'kiy Scientific Research Radiophysics Institute (Gor'kovskiy nauchno-issledovatel'skiy radiofizicheskiy institut)

59  
5

TITLE: Induced synchrotron radiation of electrons in cavity resonators

SOURCE: Zhurnal eksperimental'noy i teoreticheskoy fiziki. Pis'ma v redaktsiyu. Prilozheniye, v. 2, no. 9, 1965, 430-435

TOPIC TAGS: microwave technology, cavity resonator, microwave plasma, maser radar

ABSTRACT: The authors describe the elements of apparatus (Fig. 1) aimed at increasing the total induced synchrotron radiation power by increasing the volume of the "active medium" (cross section of the electron beam or the volume of the nonequilibrium magnetoactive plasma), through the use of quasioptical electrodynamic systems of the "open" type. Some results are presented of observation of coherent synchrotron radiation of helical electron beams in "open" cavity resonators of sufficiently large volume. Self-excitation (generation) of electromagnetic oscillations at the electron gyrofrequency (magnetic field  $H_0 = 3200$  oe,  $\lambda = 3.4$  cm) was observed in a resonator constituting a 20 cm section of rectangular waveguide (TE<sub>011</sub> mode). The electron beam was introduced at the maximum of the electric field from the end, through a waveguide biased beyond cutoff. The second, open end of the cavity was connected with a large-section waveguide used to extract the energy and to serve simultaneously as a collect-

Card 1/2

L 13136-66

ACC NR: AF6000741

or. The power of the generated radiation increased monotonically with increasing electron rotation velocity and with decreasing longitudinal velocity, and also with increasing electron current. At  $\omega \approx \omega_H$  ( $\omega$  = radiation frequency,  $\omega_H$  = electron gyrofrequency) the power obtained was 6 w at current 80 ma and beam voltage 8 kv, while at  $\omega \approx 2\omega_H$  the power was 190 w at 320 ma and 19 kv. Further increase in power was hindered by difficulties in cooling the generators. Furthermore, a gyroresonance discharge was produced in the residual gas in the apparatus with  $\omega \approx \omega_H$ . The same causes kept the electron efficiency from reaching the theoretically predicted value of 19%. In experimental maser models with trochoidal electron beams and traveling waves, the efficiency reaches 10--15%. Orig. art. has: 3 figures and 1 formula.

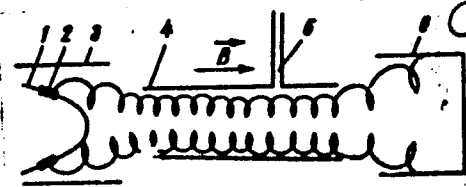


Fig. 1. Schematic diagram of oscillator using induced electron synchrotron radiation. 1 - Cathode, 2 - emitting surface, 3 - anode, 4 - resonator, 5 - high-frequency power output, 6 - collector, B - static magnetic field.

SUB CODE: 20/17/      SUBM DATE: 09Sep65/      ORIG REF: 007/      OTH REF: 004

Card 2/2

NW

GAFONOV, A.V.; GOL'DENBERG, A.L.; GRIGOR'YEV, D.P.; ORLOVA, I.M.; PANKRATOVA,  
T.B.; PETELIN, M.I.

Induced synchrotron radiation of electrons in hollow resonators.  
Pis'. v red. Zhur. eksper. i teoret. fiz. 2 no.9:430-435 N '65.  
(MIRA 18:12)

1. Gor'kovskiy nauchno-issledovatel'skiy radiofizicheskiy institut.  
Submitted September 1965.



GRIGOR'YEV, D.V.; KISELEV, V.V.

Welding of narrow-gauge rails. Put' i put. khoz. 8 no.1:13  
'64. (MIRA 17:2)

1. Nachal'nik Shaturskogo transportnogo upravleniya (for  
Grigor'yev).

L 41025-65

ACCESSION NR: AP5008586

S/0286/65/000/006/0132/0132

AUTHORS: Bulavenko, N. F.; Grigor'yev, D. Ye.; Krasutskiy, V. P.

TITLE: A pulsed electric mechanism. Class 62, No. 158804

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 6, 1965, 132

TOPIC TAGS: pulsed electric mechanism, aircraft equipment, step function

ABSTRACT: This Author Certificate presents a pulsed electric mechanism for the drive of aircraft apparatus and equipment. The mechanism includes an electric motor with a reducing gear, position terminal releases, and a rotation converter. To accomplish a stepped (intermittent) motion, the unit is provided with a self-breaking mechanism consisting of an electromagnetic clutch, a drum with a spring return connected to the drum cam of the intermediate position release, and a drive for the assembly of the electric motor shaft motion.

ASSOCIATION: none

SUBMITTED: 13Jul62

ENCL: 00

SUB CODE: AC, EE

NO REF SOV: 000

OTHER: 000

Card 1/1 *llc*

S/0286/64/000/011/0085/0085

ACCESSION NO: AP4040662

AUTHOR: Krasutskiy, V. P.; Bulavenko, N. F.; Grigor'yev, D. Ye.; Gayevoy, P. I.; Kozlov, V. N.; Degurko, I. A.

TITLE: A programming mechanism for dropping loads from aircraft. Class 62, No. 163081

SOURCE: Byul. izobr. i tovar. znakov, no. 11, 1964, 85

TOPIC TAGS: aircraft, airplane, programmed airdrop, automatic cargo release, programmed load release, preset load release, airdrop, bomb bay

ABSTRACT: This author's certificate introduces a programming mechanism for dropping loads from aircraft. The device contains a countershaft located in the housing of the mechanism with cams and a position adjuster, and a terminal circuit breaker unit. In order to feed electrical signals according to preset programs to the terminal circuit breakers for dropping the containers in various patterns are connected through the countershaft cams with the terminal circuit breakers for dropping and blocking the load containers. The countershaft is connected with a by-pass clutch and a control

1/3

Card

ACCESSION NO: AP4040662

pedal for engagement and rotation of the shaft and through a two-step worm transmission speed reducer with an electric motor for rotation of the shaft at a previously set speed which assures a time delay for dropping of the loads.

ASSOCIATION: none

SUBMITTED: 15 May 63

DATE ACQ: 25 Jun 64

ENCL: 01

SUB CODE: IE, AC

NO REF SOV: 000

OTHER: 000

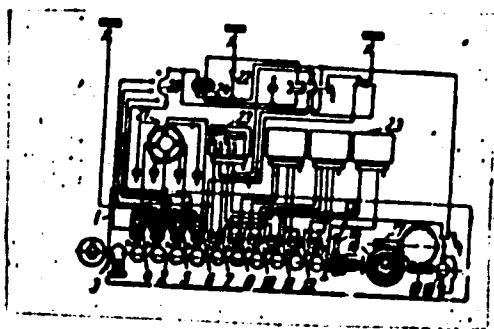
Card

2/3

ACCESSION NO: AP4040662

ENCLOSURE: 01

1--mechanism housing; 2--camshaft; 3--position adjuster; 4-13--terminal  
circuit breakers; 14--control pedal; 15--control pedal return spring; 16--  
by-pass clutch; 17--first worm transmission of the speed reducer; 18--  
second worm transmission of the speed reducer; 19-- electric motor; 20--  
unit for setting the drop pattern; 21-- signaler for the presence of the loads;  
22--power supply circuit breaker; 23--terminal parachute holder units; 24--  
emergency load release button



Card 3/3

GRIGOR'YEV, E.E.; RETNEV, V.M.; YUFKEVICH, A.Ya.

Session devoted to the results of the work of the Leningrad Research  
Institute of Industrial Hygiene and Occupational Diseases during  
1959-1960. *Biul. uch. med. sov.* 2 no.5:36-37 S-0 '61.

(INDUSTRIAL HYGIENE—CONGRESSES)

(MIRA 14:11)

GRIGOR'YEV, E.P., inzh.; KUZNETSOV, V.Ye., inzh.; MAKSHEYEV,  
V.G., inzh.; PETROVSKIY, A.S., inzh.; VEDESHKIN, V.I.,  
tekhnik; KORABEL'NIKOV, V.V., kapitan-nastavnik;  
MIKHAYLOVSKIY, Ye.V., red.

[Fisheries] Promyslovoe delo. Murmansk, Murmanskoe knizhnoe  
izd-vo, 1964. 463 p. (MJRA 18:5)

GRIGOR'YEV, G.

1960-1964; eight interviews and one commentary. Grazhd. av.  
21 no.11:10-11 N '64.  
(MIRA 18:3)



S/061/62/000/006/027/117  
B171/B101

AUTHOR: Grigor'yev, F.

TITLE: Geochemical characterization of tin and tin-tungsten deposits of Eastern Siberia

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 6, 1962, 109-110, abstract 5G96 (Tr. Mosk. geologorazved. in-ta, v. 37, 1961, 90-101)

TEXT: From chemical and spectral determinations of compositions of minerals contained in rocks, carried out in connection with the investigations of alterations occurring in and about ore veins, the following groups of typomorphous elements, characterizing deposits of any formation, have been selected: Cassiterite granitic pegmatite group: Nb, Ta, Sc, Zr, Rb, Cs; Cassiterite-feldspar-quartz group: Nb, Ta, Sc, Zr, F, Rb, Cs; Cassiterite-quartz group: W, Nb, Ta, Zr, F, Sc; Cassiterite-quartz-sulfide group: As, W, F, Rb, Zn, S, and traces of Nb, Sc, In, Sb, Fe; Cassiterite sulfide group: Fe, In, Sb, Ag, Pb, Zn, Cu, S, seldom W. Average and limit contents of the elements in the minerals of selected formations have been given. [Abstracter's note: Complete translation.]  
Card 1/1

GRIGOR'YEV, Y.B., inzhener; KRUGLOVA, G.I., redaktor; LUNIN, G.V.,  
tekhnicheskiy redaktor.

[Pastry and candy manufacturing equipment] Oborudovanie dlia  
proisvodstva pechen'ia i konfet. Moskva, Gislepishcheprom, 1953.  
134 p. (MLRA 8:2)  
(Confectionery--Appliances, utensils, etc.)

ORIGOR'YEV, P.B.

Technical development of the confectionery industry of the  
R.S.F.S.R. in the sixth five-year plan. Khleb. i kond. prom.  
1 no.2:1-7 P '57. (MLRA 10:4)

1. Rosalavkonditer.  
(Confectionery)

25(5)

SOV/118-59-2-12/26

AUTHOR: Grigor'yev, F.B., Engineer

TITLE: Mechanization and Automation in the Confectionary Industry (Mekhanizatsiya i avtomatizatsiya v konditerskom proizvodstve)

PERIODICAL: Mekhanizatsiya i avtomatizatsiya proizvodstva, 1959, Nr 2, pp 35-40 (USSR)

ABSTRACT: The article deals in detail with continuous mechanized mass production lines in caramel, candy biscuit, waffle, khalva and chocolate plants. The following most important confectionery enterprises are mentioned: in Moscow - the "Krasnyy Oktyabr'" im. Babayeva ("Krasnyy Oktyabr'" Plant imeni Babayev), "Rot-front" (both plants are manufacturing 85% of the total caramel production), "Bol'shevik", the Vitaminno-konditerskaya fabrika im. Marata (Vitamin Confectionery Plant imeni Marat); in Leningrad - Fabrika im. Krupskoy (Plant imeni Krupskaya), Konditerskaya fabrika im. Samoylovoy (Confectionery Plant imeni Samoylova);

Card 1/2

SOV/118-59-2-12/26

Mechanization and Automation in the Confectionary Industry

in Riga - Konditerskaya fabrika im. 17 iyunya (Confectionery Plant imeni the 17th June); in Kiyev - Konditerskaya fabrika im. K. Marksa (Confectionery Plant imeni K. Marx), Vsesoyuznyy nauchno-issledovatel'skiy institut konditerskoy promyshlennosti (All-Union Scientific-Research Institute of the Confectionery Industry).

Among others, a caramel packing automat with a productivity of 458 pieces per minute (designed by Professor G.A. Shaumyan and now being tested at the "Krasnyy Oktyabr'" in Moscow) is mentioned. There are 9 diagrams.

Card 2/2

GRIGOR'YEV, F.B., inzh.

Transportation and storage of food products without packing.  
Mekh.'i avtom.proizv. 14 no.2:41-44 F '60. (MIRA 13:5)  
(Food handling)

AVDEYEVA, A.V., doktor tekhn.nauk; ALEKHIN, S.F., inzh.; ALTUNDZHI, K.S.,  
inzh.; BRONSHTEYN, I.I., kand.khim.nauk; BRUSHTEYN, M.S.,  
GRIGOR'YEV, F.B., inzh.; ZHELEZNOVA, V.V., inzh.; ISTOMINA, M.M.,  
kand.tekhn.nauk; KOZLOV, S.A., inzh.; KOLESNIKOVA, V.K., inzh.;  
KOCHETKOV, I.A., inzh.; LUNIN, O.G., kand.tekhn.nauk; MANNINA, T.A.,  
inzh.; SEREBRYAKOV, M.N., inzh.; SMOLYANITSKIY, M.Ye., inzh.; TYURIN,  
A.I., kand.tekhn.nauk; TSYBUL'SKIY, A.A., inzh.; CHERNOIVANNIK, A.Ye.,  
inzh.; SHELOVSKAYA, A.Ye., inzh.; BEN', G.M., inzh., retsenzent;  
MARSHALKIN, G.A., kand.tekhn.nauk, retsenzent; GUSAKOV, A.I., red.;  
MARTYNOV, M.I., kand.tekhn.nauk, red.; KRUGLOVA, G.I., red.; KISINA,  
Ye.I., tekhn.red.

[Confectioner's manual] Spravochnik konditera. Pod obshchei red. M.I.  
Martynova. Moskva, Pishchepromizdat. Pt.2.[Technological equipment of  
the confectionery industry] Tekhnologicheskoe oborudovanie konditerako-  
go proizvodstva. 1960. 830 p. (MIRA 14:3)  
(Confectionery--Equipment and supplies)

GRIGOR'YEV, F.B.

[Improving the quality and modernizing the assortment of confectionery goods] Uluchshenie kachestva i obnovlenie assortimenta konditerskikh izdelii. Moskva, TSentr. in-t nauchno-tekhn. informatsii pishchevoi promyshl., 1963. 26 p.  
(MIRA 17:9)



*G. M. Koslanoff*

7  
 ✓ Effect of the nature of the metal on yields of alkanes synthesized by the Wurtz reaction. A. D. Petrov, O. M. Nefedov, and E. I. Grigoriev (D. I. Mendeleev Chem. Technol. Inst., Moscow). *Zhur. Obshch. Khim.* 27 (1953) 81 (1957), *J. C. A.* 48, 1309d. Increase of yields of alkanes in the Wurtz reaction was observed in passing from Mg to Li, Na, or K; this increase is small for secondary halides and quite considerable for primary halides. Treatment of 2-ethyl-1-hexanol with HBr at 120-30° gave 1-bromo-2-ethylhexane, *b<sub>p</sub>* 60-1°, *n<sub>D</sub><sup>20</sup>* 1.4529, *d<sub>4</sub><sup>20</sup>* 1.1602. This (0.25 mole) added in 1 hr. to 0.3 g. equiv. metal in Et<sub>2</sub>O, heptane, or isopentane and *in vacuo* 10 hrs. gave 5,8-diethyldecane, *b<sub>p</sub>* 99°, *f.p.* -62°, *n<sub>D</sub><sup>20</sup>* 1.4373, *d<sub>4</sub><sup>20</sup>* 0.7832, the yield being best with Na in Et<sub>2</sub>O or isopentane (62.5-69.1%) or with K in isopentane (72.8%). C<sub>10</sub>H<sub>18</sub>MgBr with PrCHO gave 75% 4-decanol, *b<sub>p</sub>* 86°, 1.4320, 0.8262, which gave 4-bromodecane, *b<sub>p</sub>* 97-8°, 1.4565, 1.0705, which with K in Et<sub>2</sub>O gave 17-22.5% 7,8-dipropyltetradecane, *b<sub>p</sub>* 161° *f.p.* -86°, 1.4455, 0.7942. Similarly, *rac*-octyl bromide and Mg followed by AcH gave 72% 3-methyl-2-octanol, *b<sub>p</sub>* 86-8°, 1.4360, 0.8353, which gave 2-bromo-3-methylhexane, *b<sub>p</sub>* 74.5-6°, 1.4586, 1.0722, which with K in Et<sub>2</sub>O gave 7.4-10% 7,8,9,10-tetramethylhexadecane, *b<sub>p</sub>* 144-6°, *b<sub>p</sub>* 163-5°, *f.p.* -68°, 1.4560, 0.8112. Grignard reagent from 1-bromo-2-ethylhexane and *iso*-PrCHO gave 60% 2-methyl-5-ethyl-3-nonanal, *b<sub>p</sub>* 81-2°, 1.4412, 0.8471, which gave 3-bromo-2-methyl-5-ethylnonane, *b<sub>p</sub>* 85°, 1.4578, 1.0226, which with K in isopentane gave 0.6% 5,10-diethyl-7,8-dimethylpropyltetradecane, *b<sub>p</sub>* 164-6°, *f.p.* -67°, 1.4602, 0.8173 (with Na the yield was lower); the products of disproportionation reaction were hydrogenated over Raney Ni yielding 2-methyl-5-ethylnonane, *b<sub>p</sub>* 82°, *f.p.* -116°, 1.4227, 0.7529. All the Wurtz reactions were run under N atm.

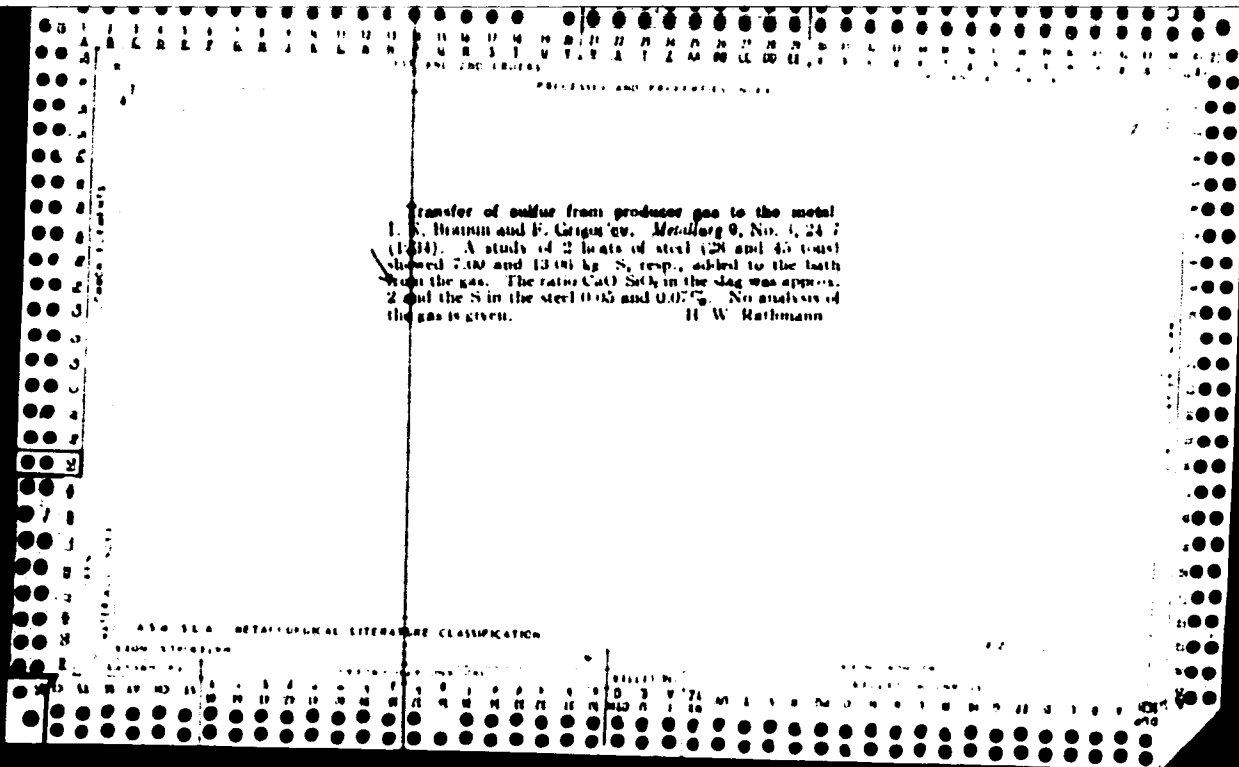
G. M. Koslanoff

2 { 4 E 4 }  
 { 4 E 3 }

BEZUGLOV, I.Ye.; KURDYUMOV, V.N., inzh.; V rabote prinimali uchastiye:  
GABRILENKO, I.V.; GRABOVSKIY, I.I.; NESHCHADIM, A.G.; BELOBORODOV,  
V.V.; VISHNEPOL'SKAYA, F.A.; MATSUK, Yu.P.; GAYTSKHOKI, N.I.;  
USACHEV, A.S.; ABKINA, N.N.; RUMYANTSEVA, A.G.; KOSHELEV, A.P.;  
GRIGOR'YEV, F.L.; LUKASHVICH, A.M.; STYAZHKINA, A.G.; MIKHAYLOVICH,  
A.N.; YEDEMSKIY, P.M.; MASLOV, P.V.; KUDRYASHEVA, Z.P.; PROSMUSHKIN,  
R.M.; SHTAL'BERG, V.A.; BOYTSOV, N.I.

Operational experience with a newly introduced oil-extraction line  
equipped with the DS-70 belt-conveyer extractor. Masl.-shir.prom.  
26 no.3:29-31 Mr '60. (MIRA 13:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zhirov (for  
Bezuglov, Gabrilenko, Grabovskiy, Neshchadim, Beloborodov,  
Vishnepol'skaya, Matsuk and Gaytskhoki). 2. Leningradskiy  
zhirovoy kombinat (for Kurdyumov, Usachev, Abkina, Rumyantseva,  
Koshelev, Grigor'yev, Lukashevich, Styazhkina, Mikhailovich,  
Yedemskiy, Maslov, Kudryasheva, Prosmushkin). 3. Leningradskoye  
otdeleniye tresta "Prodmontazh" (for Shtal'berg and Boytsov).  
(Leningrad--oils and fats)  
(Extraction apparatus)



Transfer of sulfur from producer gas to the metal  
I. S. Braun and F. Geras'ev. *Metallurg* 9, No. 1, 24-7  
(1934). A study of 2 heats of steel (20 and 40 tons)  
showed 7.10% and 13.01% S, resp., added to the bath  
from the gas. The ratio Ca/S in the slag was approx.  
2 and the S in the steel 0.05 and 0.07%. No analysis of  
the gas is given. H. W. Rathmann

ASO SLA METALLURGICAL LITERATURE CLASSIFICATION

137 AND 138 CODES

PROCESSES AND PROPERTIES SECT

1

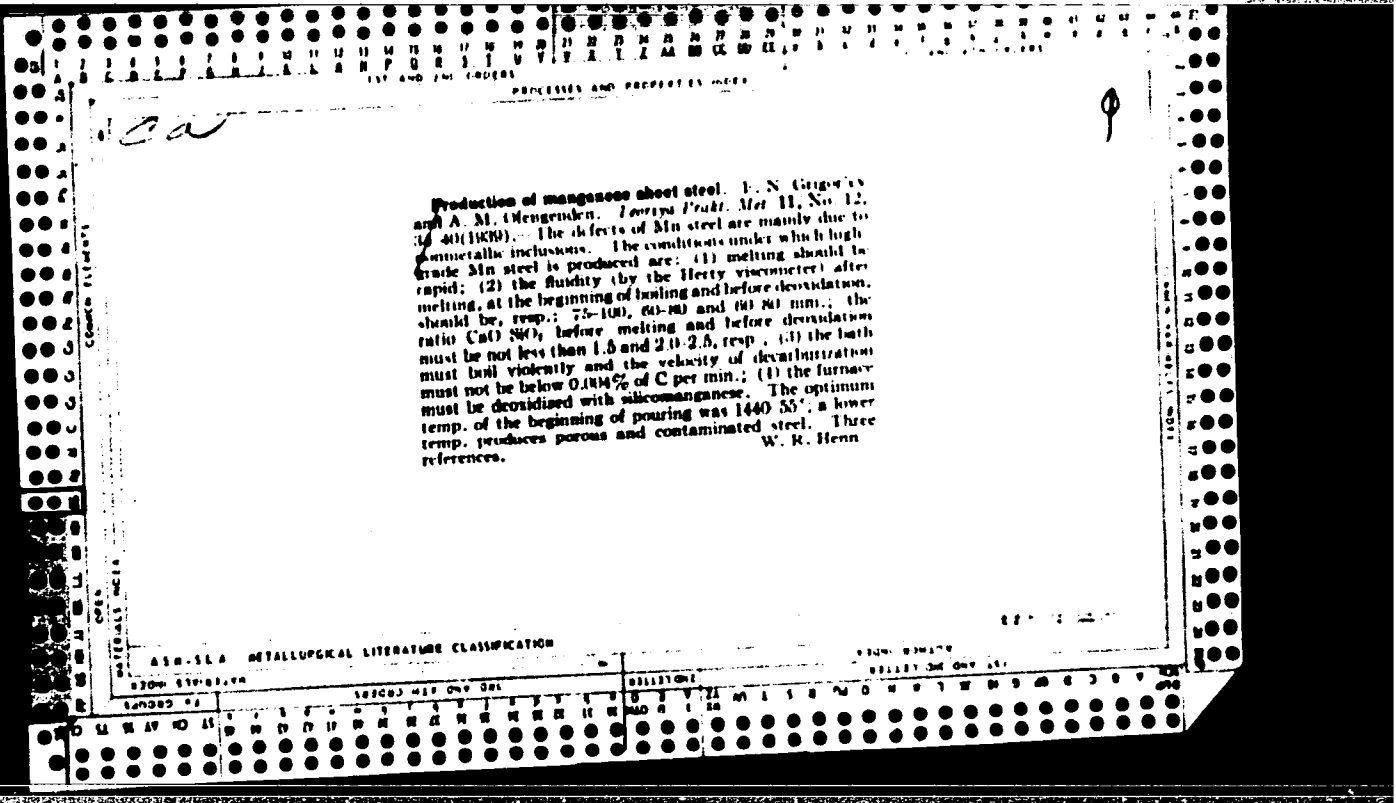
**"Crusts" in the Lower Part of an Ingot.** F. Grigor'ev. (Stal 1030, No. 8, pp. 49-51). (In Russian). "Crusts" consisting of metal with about 0.1% lower carbon content and comparatively rich in oxide inclusions were detected in the lower parts of bottom-poured ingots. It is suggested that they are formed by the first portions of metal which rush into the mould in a fountain and then fall on the walls and bottom of the mould, forming on the latter a "pancake" which is broken up by the metal which follows, bits of it giving rise to "crusts." Investigations showed that "crusts" could not be satisfactorily eliminated by cropping the back ends of blooms and billets. Neither did various shapes and thicknesses of mould bottom have much effect on the formation of crusts, which, however, could be practically completely eliminated by raising the pouring temperature, particularly in the beginning.

MATERIALS SECT

430-314 METALLURGICAL LITERATURE CLASSIFICATION

137 AND 138 CODES

137 AND 138 CODES	137 AND 138 CODES	137 AND 138 CODES	137 AND 138 CODES
137 AND 138 CODES	137 AND 138 CODES	137 AND 138 CODES	137 AND 138 CODES



GRIGOR'YEV, F.N., inzhener.

Extending the life of open-hearth furnaces with dinas brick arches.  
Stal' 15 no.11:1038-1041 N '55. (MLRA 9:1)

1.Stalinskiy metallurgicheskiy zavod.  
(Open hearth furnaces)

GRIGOR'YEV, F.N.

Stalino metallurgical plant. Metallurg 2 no.11:35-40 N '57.  
(MIRA 12:2)

1. Machal'nik tekhnicheskogo otdela Stalingradskogo metallurgicheskogo zavoda, Donbass.  
(Stalino--Metallurgical plants)

YEKTOV, I.M.; ZARUYEV, V.M.; GUROV, S.A.; REVENKO, I.F.; V rabote  
prinimali uchastiye : KALMANOVICH, Yu.R.; GRIGOR'YEV, F.N.;  
KOSHLENKO, A.M.; LITVINENKO, Yu.P.; DMITRIYEV, V.D.;  
POLYAKOV, V.V.; PNTUSHKOV, Ye.S.; FIRSOV, P.V.

Rolling double bulb-bar shapes with longitudinal cutting in  
the finishing mill. Stal' 20 no. 12:1113-1115 D '60.  
(MIRA 13:12)

1. Stalinskiy metallurgicheskiy zavod i Donstkiy politekhnicheskiy institut.  
(Rolling (Metalwork))



GRIGOR'YEV, F.N.; Prinsipali uchastnye: MALAKHA, A.V.; MOISIYEVICH, G.I.;  
SHEKHOVA, L.Ye.

Increasing the durability of open-hearth checker bricks. Ogneupory.  
26 no.8:367-370 '61. (MIRA 14:9)

1. Stalinskiy metallurgicheskiy zavod.  
(Firebrick) (Open-hearth furnaces)

S/130/62/000/007/001/001  
A006/A101

AUTHORS: Grigor'yev, F. N., Druzhinin, I. I., Osipov, V. G.

TITLE: Teeming 260 tons of steel on a continuous casting unit  $\gamma$ HPC (UNRS) without interrupting the steel stream

PERIODICAL: Metallurg, no. 7, 1962, 22

TEXT: At the Donetsk Metallurgical Plant a system became operative in March 1961 for the continuous teeming of steel on a four-runner unit. In the past year tests were successfully performed with continuous-casting two heats without interrupting the metal stream. A total amount of 257.17 tons of steel was cast under conditions given in a table, which shows that over 70 tons of metal were passed through each of the three nozzles of the intermediate ladles. Teeming was performed through zirconium nozzles 22 mm in diameter, 18.8 - 19.2% porosity, 2.97 - 3.01 g/cm<sup>3</sup> volumetric weight, 1,900°C heat resistance, and 53% ZrO<sub>2</sub> and 0.54% Fe<sub>2</sub>O<sub>3</sub> content. Considering the successful casting of 140-ton heats with two runners (70 tons through each nozzle) the possibility of casting 250-ton heats with the aid of 4 runners is practically proved. There are 1 figure and 1 table. ✓  
ASSOCIATION: Donetskiy metallurgicheskiy zavod (Donetsk Metallurgical Plant)

Card 1/1

GERBER'YEV, F.N.; OSIPOV, V.G.

Production and continuous casting of boiler steel. Met. i gorno-  
rud. prom. no.6:69-70 II-D '64. (MIRA 18:3)

1. Donetskii metallurgicheskii zavod.

GLAZKOV, P.G., inzh.; GRIGOR'YEV, F.N., inzh.; MURZOV, K., inzh.;  
SLADKOSHTEYEV, V.T., inzh.; Primalni uchastiye: MALAYHA, A.V.;  
POKRASS, L.M.; DRUZHININ, I.I.; OSIPOV, V.G.; KONDRATYUK, A.M.;  
POLYAKOV, I.V.; GORDIYENKO, M.S.; PAVLOV, M.T.; KOPYTIN, A.V.;  
PARASHCHENKO, R.A.; POTANIN, R.V.; AKHTYRSKIY, V.I.; BRUK, S.M.;  
YEVTUSHENKO, V.V.; LEYTES, A.V.; STRELETS, V.M.

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GRIGOR'YEV, G., polkovnik

In the depth of the enemy's defenses. Voen.vest. 40 no.4:71-75  
Ap '61. (MIRA 14:7)

(Artillery, Field and mountain)

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Concern for man is the main objective. Grazhd. av. 19 no.11:5  
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1. Spetsial'nyy korrespondent zhurnala "Grazhdanskaya aviatsiya".  
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GRIGOR'YEV, G., inzh.

Experimental large-panel apartment houses in coal-bearing areas.  
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(Foundations)

FRIDMAN, B.; PAKHOLKOV, V., inzh.-tehnolog; GRIGOR'YEV, G.

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1. Instruktor Orlovskogo oblastnogo soyuza potrebitel'skikh kooperativov (for Fridman). 2. Trest zheleznodorozhnykh restoranov i bufetov Ministerstva torgovli Belorusskoy SSR (for Pakholkov).

(Restaurants, lunchrooms, etc.)



GRIGOR'YEV, G., inzh.

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Zhil. stroi. no.10:5-8 '65.

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SEMENKEVICH, N.; SEMENOV, M.; GRIGOR'YEV, G.

Facts, events, people. Kryl. rod. 11 no.12:14-15 D '60. (MIRA 14:3)

1. Metodist krayevoy stantsii yunykhn tekhnikov, g. Stavropol' (for Grigor'yev).

(Aeronautics)

PUTILOV, A.Z.; GRIGOR'YEV, G. (TSelinograd)

Virgin land workers thank air pilots. Grazhd. av. 18 no.6:22-23  
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1. Zaveduhushchiy otdelom sel'skogo khozyaystva TSelinnogo  
krayevogo komiteta Kommunisticheskoy partii Kazakhstana  
(for Putilov). 2. Spetsial'nyy korrespondent zhurnala  
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(Virgin Land Territory—Aeronautics in agriculture)

GRIGOR'YEV, G. (Krasnoyarsk)

Olympus turned out to be slippery. Graahd, av. 19 no. 9:21 S  
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1. Spetsial'nyy korrespondent zhurnala "Grazhdanskaya aviatsiya".  
(Krasnoyarsk—Air pilots)