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ACCESSION NO: 10759

REPORT

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L 33772-66

ACC NR: AT6025134

SOURCE CODE: HU/2504/65/051/01-/0003/0029

AUTHOR: Batta, I.

ORG: Enterprise for Establishment of Power Stations, Budapest

TITLE: Calculation of water hammer phenomena by automatic sequence controlled digital computers. Part 1: Basic principles, equations, and formulae [This paper was presented at the Conference of Hydraulic Machinery by the Society of Mechanical Engineers held in Budapest from 11 to 13 January 1962]

SOURCE: Acaademia scientiarum hungaricae. Acta technica, v. 51, no. 1-2, 1965, 3-29

TOPIC TAGS: digital computer, computer program, automatic control, pipeline

ABSTRACT: Equations characterizing water hammer phenomena in pipelines were derived for the boundary conditions prevailing at the junction of two pipe sections, multipipe junctions, closure at the end of the pipe, closure in the line, air chamber at the end of the line, air chamber with differential throttling in the line, rigid surge tank at the end of a closed pipe, surge tank reservoir, elastic surge tank in the line, pump at the end of the line, more than one device at the end of the line, turbine load failure, and initial conditions. The general method for preparing the computer program was discussed. Orig. art. has: 17 figures and 83 formulas. [Orig. art. in Eng.]

[SPRS: 33,544]

SUB CODE: 09,13/ SUBM DATE: 24 May 62/ ORIG REF: 001/ OTH REF: 006

Cord 1/1

BATTA, Jozsef, okleveles villamosmérnök, fokonstruktor

The 40-100 kW International Electrotechnical Commission
motor series. Elektrotechnika 56 no.11/12:479-483 N-D'63.

1. Villamosgép- és Kabelgyár, Budapest, X., Gyomroi út 128.

BATEGLIA, A.

Hydraulic cyclones used in coal preparation in Poland. p. 242

SO: EastEuropean Accessions List (EEAL). LC. Vo. 4 N. 11 Nov. 1955 uncl.

BATTAGLIA, A.

A contribution to the study of the regulations of hydrocyclones. p. 173.
(Uhli, Vol. 7, no. 5, May 1957, Praha, Czechoslovakia.)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, no. 12, Dec. 1957.
Uncl.

BATTACLIA, ANDRZEJ

Badania nad hydrocyklonami (działanie, konstrukcja i zastosowanie). Stalinogrod, Państwowe Wydawn. Techniczne, 1953. 23 p. (Prace Głównego Instytutu Górnictwa. Seria A. Komunikat nr. 144) /Research on hydrocyclones; principles, design, and application. English, French, and Russian summaries. bibl., diagrs./

SO: Monthly List of East European Vol. 3, No. 3
~~Russian~~ Accessions, /Library of Congress, March 1954⁴, Uncl.

BATTAGLIA, Andrzej

A formula for calculation of the rate of flow through hydrocyclones
of the conventional type. Archiw gorn 7 no.2:123-145 '62.

BATTAGLIA, Andrzej; BANASZEWSKI, Tadeusz

Theoretical analysis of the saturation process in a closed circuit.
Archiw gorn 10 no.1:79-89 '65.

1. Submitted April 6, 1964.

BATTAGLIA, Dmrrzej, doc. dr inz.; KLICH, Piotr, mgr inz.;
KOROL, Dionizy, prof. mgr inz.

Development basis and trends of coal dressing in Poland.
Przeegl gorn 19 no.4:148-157 Ap '63.

BATTAL, D. G.

Battal, D. G. "Results of the study and practical use of individual doses of X-rays in epilation," (In index: D. G. Battal), Voprosy dermato-venerologii, Vol. IV, 1948, p. 260-73, - Bibliog: p. 273.

SO: U-3736, 21 May 53, (Letopis 'zhurnal 'nykh Statey, No. 18, 1949).

BATTAL, D.G.

Regional decrease of dosage in roentgenoepilation of the temporal
region. Vest. ven i derm. no.6:23-24 N-D '54. (MLRA 8:2)

1. Iz Bashkirskogo nauchno-issledovatel'skogo kozhmo-venerologicheskogo instituta (dir.-starshiy nauchnyy sotrudnik P.N.Shishkin, nauchnyy rukovoditel' - prof. M.M.Kuznets).

(HAIR,

opilation, x-ray, regional dosage in temporal region)

(RADIOTHERAPY, dosage

epilation in temporal region of head)

BATTALOV, B.F.; NEKIPELOV, S.P.

A "millionaire." Metallurg 8 no.4:14-15 Ap '63.

(MIRA 16:3)

1. Domenny tsekh Chelyabinskogo metallurgicheskogo zavoda.
(Lobyrev, Ivan Fedorovich)

USSR/Farm Animals - Honey Bees.

Q-5

Abs Jour : Ref Zhur - Biol., No 18, 1958, 93458

Author : Dattalov, F.S.

Inst :

Title : Bee Wintering in Multitier Hives.

Orig Pub : Pchelovodstvo, 1958, No 2, 9-12

Abstract : Experiments proved that strong bee colonies consume 1.5-2 times less food during the wintertime than weak colonies (per 1 kg of bees). If colonies hibernate in two tiers of multitier hives, hibernation progresses better than when it takes place in one-tier standard hives.

Card 1/1

- 33 -

BATTALOV, F. S., CAND BIO SCI, ~~THE~~^W DEVELOPMENT AND PRO-
DUCTIVITY OF BEE COLONIES IN RELATION TO THEIR MAINTENANCE
IN MULTIPLE HIVES. " UFA, 1960, (MIN ~~OF~~ AGR USSR. KAZAN'
VET INST IN N. E. BAUMAN). (KL, 2-61, 203).

-67-

BATTALOV, F.Z.

Rating of small hydroelectric power stations on the Usta River.
Trudy GGI no.77:92-98 '60. (MIRA 13:5)

1. Gor'kovskaya gidrometeorologicheskaya observatoriya.
(Usta Valley--Hydroelectric power stations)
(Hydraulic turbines--Testing)

BATTALOV, G.Z.

Reducing the amount of solid precipitation measured by the rain
gauge to the readings of the precipitation gauge. Trudy GGO
113:91-114 '60. (MIRA 14:3)
(Precipitation(Meteorology)--Measurement)

BATTALOVA, Sh.

USSR/Chemistry - Petrologum

21 May 51

"Conversion of Hydrocarbons on Aluminum Silicate Catalysts of Varying Composition," K. V. Topchleva, Sh. Battalova, G. M. Panchenkov, Moscow State University M. V. Lomonosov

"Dok Ak Nauk SSSR" Vol LXXVIII, No 3, pp 501-504

Al silicate has effect similar to that of acidic catalysts (sulfuric acid, phosphoric acid, Hg_2 , Hf_3 , $AlCl_3$) and dissociates under formation of H-ions. Its catalytic effect is produced by compd similar in compn to montmorillonite: Kinetic investigations on cracking of decalin, cetane, and gas oil over Al silicates of various

USSR/Chemistry - Petroleum (Contd) 21 May 51 186713

compn, but with same sp surface, showed that effect is proportional to content of this compd in the catalyst.

186713

BATTALOVA, SHARBAN

Defended ~~the~~ Candidates dissertation in the Chemistry Faculty of Moscow State University on 7 April 1952.

Dissertation: "Investigation of the Kinetics of the Transformation of Cetane Over Aluminosilicate Catalysts of Varied Composition."

SO: Vestnik Moskovskogo Universiteta, Seriya Fiziko-Matematicheskikh i Yestestvennykh Nauk, No. 1, Moscow, Feb 1953, pp 151-157: transl. in W-29782, 12 April 54, ~~Secret~~.

**SO Vecheryaya Moskva
Sum 71**

Cand. Chem. Sci

BATCALOVA, Sh.

USSR/Chemistry - Hydrocarbons, Cracking Jun 92
Process, Catalysts

"Kinetics of the Cracking of Cetane on Aluminosilicate Catalysts of Various Composition," Sh. Batcalova, G.M. Panchenko, K.V. Topchikova, Moscow State Uiment N. V. Lomonosov

"Zhur Fiz Khim" Vol XXVI, No 6, pp 903-909

The catalysts investigated had an identical magnitude of the surface accessible to cetane moles. Catalysts of the compn 30% Al_2O_3 , 70% SiO_2 and Al_2O_3 50% SiO_2 , which are the most acidic, were found to be more effective than the others. The energy of

activation and the compn of the light fraction of the catalyzate do not depend on the catalyst's compn, which proves that the active centers are of the same type. The results in question confirm the original assumption by the authors that the catalytic activity of aluminosilicates is due to the chem properties of acidic hydroaluminosilicates.

220794

Regeneration of used aluminosulfate catalyst⁷ by chemi- 2
cal treatment with hydrochloric acid

BATTALOVA, Sh.; LIKEROVA, A.A.; SOKOL'SKIY, D.V.

Bleaching properties of clays of Monrak deposits. Trudy Inst.
khim.nauk AN Kazakh.SSR 7:93-96 '61. (MIRA 15:8)
(Clay) (Bleaching materials)

BATTALOVA, Sh.; LIKEROVA, A.A.; OSHAKPAYEV, T.

Catalytic and bleaching properties of clays of Dzerzhinskii
deposits. Trudy Inst.khim.nauk AN Kazakh.SSR 7:97-99 '61.
(MIRA 15:8)

(Clay) (Bleaching materials) (Catalysts)

BATTALOVA, Sh.; VOSKOBOYNIKOV, M.Ye.; LIKEROVA, A.A.

Bentonites of the Mangyshlak Peninsula. Vest. AN Kazakh.
SSR 18 no.10:35-44 O '62. (MIRA 17:9)

BATTALOVA, Sh.; LIKEROVA, A.A.; SHARIPOV, M.Sh.

Catalytic and bleaching properties of bentonite clays of the
Chardara deposits. Izv.AN Kazakh. SSR: Ser.tekh.i khim.nauk
no.1:14-20. '63. (MIRA 17:3)

BATTALOVA, Sh.; PAK, N.D.; SOKOL'SKIY, D.V.

Catalytic and bleaching properties of the bentonites of
Kazakhstan. Vest. AN Kazakh. SSR. 19 no.5:6-16 My '63.
(MIRA 17:7)

BATTAY, Laszlo, dr.

Comparative studies on the mental and physical development of infants and children brought up in state institutions, nurseries and at home. Gyermekgyogyasszat 14 no.1:16-21 Ja '62.

1. Debrecen Varosi Tanacs, Csecsemootthona.
(INTELLIGENCE) (VACCINATION) (AVITOAMINOSIS)
(BODY CONSTITUTION) (OBESITY)

BATTAY, Laszlo, dr.

On the development of gypsy children living in institutions.
Gyermekgyógyászat 14 no. 8:234-238 Ag. '63.

1. A Debrecen Varosi Tanacs Csecsemootthona (Intezeti igazgato:
Szentandrassy Laszlo dr.) kozlemenye.
(CHILD WELFARE)

BATTE, M.L.

"Constrained Oscillation in a System in the Presence of Hysteresis,"
Prikl. Matemat. i. Mekh., 4, No. 3, 1940

BATTEK, J.

An attempt to evaluate forest stands. p. 12.
GOSPODARKA ZBOZOWA.
Vol. 99, no. 1 Jan/Feb. 1956. Warszawa.

SOURCE: EEAL - LC Vol. 5 No. 11 Aug. 1956

BATTEK, J. (Wroclaw)

On the indices of the age of forest stands. Zastos mat 4 no.4:
281-299 '59. (EEAI 9:7)

1. Instytut Matematyczny Polskiej Akademii Nauk
(Forests and forestry)

BATTEK, J.; PERKAL, J. (Wroclaw)

On a certain program of linear programming. Zastos mat 5 no.4:359-373
'61.

1. Instytut Matematyczny Polskiej Akademii Nauk.

Battestin, M.

The semiquantitative chromatographic determination of γ -butyrolactone was obtained 1.110 ml and octachlorocyclohexane 1.230 ml.

[illegible]

For $\lambda = 1$ while in the iteration step, $\lambda = 1$ and $\lambda = 0$ are not allowed. For values of λ in the interval $(0, 1)$, the iteration step is repeated until the difference between the two consecutive values of λ is less than 10^{-4} .

1. Weigh out 50 g of polymer of condensation product of 1,4-phenylene diisocyanate and 1,4-bis(hydroxymethyl)benzene. Add 100 ml of solvent, allow to settle, pour off the solvent, and repeat extraction with 100 ml of solvent. Weigh out 50 mg of polymer of condensation product of 1,4-phenylene diisocyanate and 1,4-bis(hydroxymethyl)benzene. Add 100 ml of solvent, allow to settle, pour off the solvent, and repeat extraction with 100 ml of solvent. Place 100 ml of solvent in a beaker and add 1 ml of polymer with the stirrer. Stir and adjust flow to 4 ml per min with the valves.

[illegible]

BATTISTIG, G.

"Microwave pulse-modulation telecommunication equipment. " p. 10

HUNGARIAN HEAVY INDUSTRIES. (Magyar Kereskedelmi Kamara). Budapest, Hungary.
No. 24, Winter 1959 (i.e. 1958/59)

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8,
August 1959
Uncla.

9(9)

HUN/9-60-1-9/13

AUTHOR: Battistig, György

TITLE: Association News. Account of the Papers Read At the International "Microwave Communications" Congress

PERIODICAL: Magyar Híradástechnika, 1960, Nr 1, pp 35-36

ABSTRACT: This article is a report from the 4-day international congress "Mikrohullámu Összeköttetések" (Microwave Communications) organized by the Magyar Tudományos Akadémia Műszaki Tudományok Osztálya (Department of Technical Sciences at the Hungarian Academy of Sciences) and the Híradástechnikai Tudományos Egyesület (Scientific Telecommunications Society). Papers were read on the following subjects: system analysis; microwave electronics; microwave circuits and antennas; electronic circuits. The congress was opened by Academician Géza Bognár. H. Dobesch, from Berlin, spoke on the significance of time and frequency functions' momenta. Sándor ✓

Card 1/6

HUN/9-60-1-9/13

Association News. Account of the Papers Read at the International
"Microwave Communications" Congress

Csibi, of the TKI, spoke on the crosstalk problems of microwave frequency-modulated devices containing a number of radio-frequency channels. Péter Róna, of the TKI, discusses the regularities of inter-modulation noise accumulating on transmission lines having more than one reflection point. H. Sulanke, from Berlin, talked about the overshooting, and the acceleration time changes, of the time functions fed into an "n" number of quadripoles in tail eating circuit. György Pribelszky, of the TKI, gave an account of the analysis of TV wave form distortion in wide band, frequency-modulated networks. Doctor Tibor Hoffmann, of the TKI, discussed molecular amplifiers.²⁵ Candidate P. Bechmann, from Prague, talked about the mechanism of propagating beyond the horizon.⁴ A discourse followed, by Andor Budincsevs, Doctor András Dallos, Tibor Horváth and János Nagy, all of the TKI, on the physical and chemical techno-

Card 2/6

HUN/9-60-1-9/13

Association News. Account of the Papers Read at the International
"Microwave Communications" Congress

logical problems of exterior-cavity, metal-ceramic, interdigitated magnetrons.² János Erdélyi and György Gellén, both of the TKI, described the Hungarian-developed reflex-klystron used in wide-band microwave devices. Academician V.I. Siforov, from Moscow, spoke on the information theory of variable parameter channels. János Erdélyi and György Gellén, both of the TKI, spoke on the vacuum-engineering problems of traveling-wave tubes in microwave transmission devices for wide-band TV programs or several hundred speech channels. Tibor Berczeli, of the TKI, described the final amplifier circuit of a Hungarian-made microwave device which works in 4,000-megacycle frequency band. They also described the optimum dimensioning of "helix" link circuits. Tibor Horváth and János Pintér, both of the TKI, examined the problems of using silicon semi-conductor microwave diodes. Prosin, from Moscow, dis- ✓

Card 3/6

HUN/9-60-1-9/13

Association News. Account of the Papers Read at the International
"Microwave Communications" Congress

cussed the "Diversity" receiving system^b in which the antennas are placed at a substantial distance from each other. His calculations provide a good foundation for the optimum arrangement of the antennas and for determining the reception gain. Doctor Ernő Ács, of the TKI, described a new method for measuring microwave power. György Almassy, of the TKI, spoke on the problems of measuring small standing-wave ratios. Gyula Enzsöl and Károly Géher, both of the TKI, described the progress made in developing ferrite insulators based on the theory of resonance. Tibor Peres, Jenő Kassay and Szilárd Markó, all of the TKI, described the progress made in developing ferrite insulators based on the theory of field distortion. Iván Schmideg, of the BHG, discussed the advantages of narrow impulses in impulse-modulated microwave multi-channel devices. István Nedbál, of the BHG, spoke on the analytic ✓

Card 4/6

HUN/9-60-1-9/13

Association News. Account of the Papers Read at the International
"Microwave Communications" Congress

determining of the receiving filter-frequency characteristic which causes optimum signal-noise relation. Nándor Szabó, of the TKI, illustrated by examples the linearization possibilities of wide band amplifiers, having no negative feed-back. Tamás Sárkány discussed the qualities required of modern frequency modulators. Miklós Herpy, of the TKI, spoke on the automation and remote-control systems in Hungarian-made wide-band microwave devices. A.D. Fortushenko, from Moscow, spoke on the progress made in the Soviet Union in the field of microwave communications. György Reiter, of the TKI, spoke on high-level microwave frequency changers. István Frigyes, of the BHG, discussed the designing of microwave band elimination filters of great attenuation. Sándor Tóth, of the TKI, spoke on the problems of measuring dispersion in the inverse feed-back of traveling-wave amplifiers. Imre Tor-

Card 5/6

HUN/9-60-1-9/13

Association News. Account of the Papers Read at the International
"Microwave Communications" Congress

ma, of the TKI, described a new type circuit for eliminating mode-interferences in wide-band microwave oscillators. The congress was closed by Academician Géza Bognár, who stated that a second congress will be held between 29 May and 1 June 1962. D.B. Sinclair, deputy president of the Institute of Radio Engineers, complimented the congress on its good work and high scientific standard in an article in "Electronics", 1959, Nr 50. ✓

Card 6/6

BATTISTIG, Gyorgy

The use of pulse-modulated microwave apparatuses in telecommunication techniques. Muszaki kozl MTA 26 no.1/4:55-56 '60. (EEAI 9:10)

1. Beloiannisiz Híradastechnikai Gyar.
(Pulse techniques (Electronics))
(Telecommunication)
(Microwaves)

BATTISTIG, Gyorgy

United States telecommunication exhibition in Moscow. Hir techn
16 no.4:125-126 Ap '65.

1. Editorial Board Member, "Hiradastechnika."

Category : HUNGARY/Optics - Optical technique

K-4

Abs Jour : Ref Zhur - Fizika, No 1, 1957, No 2280

Author : Battka, Pal

Title : Optical Methods in Plant Measurement Techniques

Orig Pub : Meres es automat., 1956, 4, No 2-3, 89-94

Abstract : No abstract

Card : 1/1

BATU, M.

"Phenols from benzines derived from cracking.p;229" BULETIN STIINTIFIC
Vol.3, no.2-4, Apr./Dec. 1951. Bucuresti, Rumania.

SO: Monthly List of East European Accessions, L.C.Vol.2, No.11, Nov. 1953.
Uncl.

3.4000
Translation from: Referativnyy zhurnal, Astronomiya i Geodeziya, 1959, Nr 8,
p 88

SOV/35-59-8-6718 811450

AUTHOR: Batugin, S.A.

TITLE: Nomograms for Determining the Vector of Displacement of Points

PERIODICAL: Sb. statey po vopr. issled. gorn. davleniya i sdvizheniya
gorn. porod (VNIMI, sb. 32), Leningrad, 1958, pp 60 - 63 ✓

ABSTRACT: Nomograms are used for speeded-up data processing of a survey ✓
of points when their horizontal displacements are determined by
the trigonometric method (direct intersection). In this method,
field observations are limited to measuring horizontal angles
 α and β which are formed by the base line and directions to
the point observed. Under usual conditions of ground surface
dislocations, when the magnitudes of possible dislocations are
hundreds times less than the length of the base line, changes
of the angles α and β can be assumed as proportional to the
magnitudes of projections of the displacement vector of the
point onto two conditional coordinates axes. The one of these

Card 1/2

81450

SOV/35-59-8-6718

Nomograms for Determining the Vector of Displacement of Points

axes is parallel to the base line, and the other is perpendicular to it, and the construction of nomograms was based on these conditions. The components of the displacement vector Δx and Δy are to be found from the measured values of angles α and β on the nomograms. The accuracy of determining the displacement vector is characterized by the accuracy of direct intersection, which in the given case is equal to

$$M = \frac{m}{d} \cdot \frac{\sqrt{\sin^2 \alpha + \sin^2 \beta}}{\sin^2 (\alpha + \beta)},$$

where m is the error in measuring angles α and β , and d is the base line length.

K.K. Glazenap

Card 2/2

BATUGINA, I.M., inzh. (g.Kiselevsk); BATUGIN, S.A., inzh. (g.Kiselevsk)

Experience in orientation through two shafts. Ugol' 34
no.12:35-36 D '59. (MIRA 13:4)
(Mine surveying)

BATUGIN, S.A., inzh.

Experience in the use of the resection. Ugol' 36 no.7:38-41
Jl '61. (MIRA 15:2)

(Mine surveying)

BATUGIN, S.A., inzh.

Derivation of formulas for solving linear intersection problems. [Trudy]
VNIMI no.45:70-73 '62. (MIRA 16:4)
(Surveying)

BATUGIN, S.A., inzh.

Displacement and deformations of the earth's surface and rocks
above a moving face. [Trudy] VNIMI no.47:159-199 '62
(MIRA 17:7)

BATUGIN, S.A., inzh.; BATUGINA, I.M., inzh.

Ellipses of errors in geodesic cross sections. [Trudy] VNIMI
no.47:315-323 '62 (MIRA 17:7)

BATUGIN, S.A., inzh.

Effect of the speed of the advancement of a stone on the displacement and deformation of the surface. [Trudy] VNIMI no.50: 83-90 '63. (MIRA 17:10)

BARUGIN, S.A., inzh.

Selecting equivalent materials in modeling the fracturing
processes of a massif. Izv. vys. ucheb. zav.; gor. zhur. 7
no.11:31-34 '64. (MIRA 18:3)

1. Sibirskiy filial Vsesoyuznogo nauchno-issledovatel'skogo
marksheyderskogo instituta.

DUBYNIN, N.G.; BATUGIN, S.A.; YEGOROV, P.V.; ZEYTS, F.Yu.

Causes of the fracture of pillars and ore blocks at the Tashtagol mine.
Vop. gor. davl. no.18:34-54 '63. (MIRA 18:7)

BATUGIN, S.A.

Calculating rock deformations in the main cross section of a displacement trough along the strike. Vop. gor. davl. no.21: 30-38 '64. (MIRA 18:8)

1. Sibirskiy filial Vsesoyuznogo nauchno-issledovatel'skogo marksheyderskogo instituta.

PEROV, V.; BATUGINA, I., marksheyder (g.Kiselevsk); CHICHINDAYEV, D.

Response to "Master uglia" articles. Mast.ugl. 9 no.5:22 My '60.
(MIRA 13:7)

1. Zaveduyushchiy otделom massovoy raboty Dvortsa kul'tury shakhterov, g.Nelidovo (for Perov). 2. Shakhta No.12, Kemerovskoy oblasti (for Chichindayev).

(Working men's clubs)

BATUGINA, I.M., inzh. (g.Kiselevsk); BATUGIN, S.A., inzh. (g.Kiselevsk)

Experience in orientation through two shafts. Ugol' 34
no.12:35-36 D '59. (MIRA 13:4)
(Mine surveying)

BATUGIN, S.A., inzh.; BATUGINA, I.N., inzh.

Ellipses of errors in geodesic cross sections. [Trudy] VNIMI
no.47:315-323 '62 (MIRA 17:7)

BATUKHTIN, Gennadiy Vasil'yevich, stalevar; KARDASH, G.I., red.;
SHEVCHENKO, M.G., tekhn. red.

[Working the heat] Stal' idet. Khar'kov, Khar'kovskoe
knizhnoe izd-vo, 1962. 17 p. (MIRA 16:7)

1. Rukovoditel' brigady kommunisticheskogo truda Khar'kov-
skogo zavoda transportnogo mashinostroyeniya im. Malysheva
(for Batukhtin).

(Steel--Electrometallurgy)

BATUKHIN, Ivan Luk'yanovich; KHARITONOV, Aleksandr Ivanovich;
NIKIFOROV, A.F., känd. ekon. nauk, nauchnyy red.;
BRAILOVSKIY, V.A., red.izd-va; GURDZHIYEVA, A.M., tekhn.
red.

[Potentials for increasing labor productivity in industrial
enterprises]Reservy rosta proizvoditel'nosti truda na pro-
myshlennykh predpriyatiyakh. Leningrad, Ob-vo po raspro-
straneniю polit. i nauchn. znaniy RSFSR, 1962. 87 p.
(MIRA 16:3)

(Labor productivity)

BATUKHTIN, I.

Labor savings in the conversion to shorter working day.
Sots.trud 4 no.8:110-114 Ag '59. (MIRA 13:1)

1. Inzhener otдела truda i zarabotnoy platy Upravleniya
metallurgicheskoy promyshlennosti Leningradskogo sovnarkhosa.
(Leningrad--Steel industry--Production standards)

BATUKHTIN, V. T.

Grinding and Polishing

New method of polishing rollers. Podshipnik No. 1, 1953.

Monthly List of Russian Accessions, Library of Congress, June 1953. Uncl.

BATULA, Milan, doc.

New basis for hydrogeological and engineering-geological survey of
the Carpathian-Balkan mountain system. Geol pruzkum 5 no.3:91 Mr
1963.

BATULIN, G., insh.

Using the link system of work in carrying out finishing
operations. Stroitel' no.2:14 P '60. (MIRA 13:5)
(Moscow--Building)

ROSTOVSKIY, Ye.I.; BATULIN, G.S.; SMIRNOV, B.K., otv.red.; PEVZNER, A.S., zaveduyushchiy red.isd-va; EL'KINA, E.M., tekhn.red.

[Uniform time and pay standards for construction, assembly, and repair operations in 1960] Edinye normy i rastsenki na stroitel'nye, montazhnye i remontno-stroitel'nye raboty, 1960 g. Moskva, Gos.isd-vo lit-ry po stroit., arkhitekt. i stroit. materialam. Sbornik 8. [Finishing work] Otdelochnye raboty. No.3. [Facing with natural stone] Oblitsovka estestvennym kamnem. 1960. 69 p. (MIRA 13:6)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy komitet po delam stroitel'stva. 2. Tsentral'noye normativno-issledovatel'skoye byuro pri Nauchno-issledovatel'skom institute ekonomiki stroitel'stva Akademii stroitel'stva i arkhitektury SSSR (TsNIB pri NIIS) (for Rostovskiy). 3. Tsentral'noye normativno-issledovatel'skoye byuro (TsNIB) Glavmosstroya (for Batulin).
(Wages) (Building, Stone)

BATULIN, S. G.

Concentration by evaporation of rare elements in steppes and
deserts. Vop. geog. no.59:158-163 '62.

(MIRA 16:1)

(Metals, Rare and minor) (Evaporation)

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Study of the geochemical and biochemical provinces in White
Russia. Vop. geog. no.59:202-204 '62.

(MIRA 16:1)

(White Russia--Geochemistry)
(White Russia--Biochemistry)

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Some characteristics of the geochemistry of uranium in seas
and lakes. Trudy IGEM no.70:15-19 '62. (MIRA 15:9)
(Uranium—Analysis) (Sea water—Analysis)

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Migration of iron in gleying in Lower Cretaceous rocks of
southeastern Fergana. Trudy IGEM no.99:136-139 '63. (MIRA 16:9)
(Fergana—Iron ores)

L 50199-65 EPA(a)-2 /EWT(m)/EPT(n)-2/T/EWP(t)/EWP(b)/EWA(c) Pu-4
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Batulin, S. G.; Golovin, YE. A.; Zelenova, O. I.; Kashirtseva, M. P.;
 Konharova, G. V.; Kondrat'yeva, I. A.; Lisitsin, A. K.; Perel'man,
 A. I.; Sindel'nikova, V. D.; Chernikov, A. A.; Shmarlovich, YE. M.

Exogenous epigenetic deposits of uranium; formation conditions
 (Ekzonennyye epigeneticheskiye mestorozhdeniya urana; usloviya
 obrazovaniya). Moscow, Atomizdat, 1965. 321 p. illus., biblio.
 Errata slip inserted. 1100 copies printed.

TOPIC TAGS: deposit formation, epigenetic theory, exodiagenetic
 deposit, surface uranium accumulation, uranium bituminous deposit,
 uranium deposit, uranium, nuclear fuel.

PURPOSE AND COVERAGE: This book is intended for readers specializing
 in the geology of ore deposits, in particular for those concerned
 with atomic raw materials, and also for students of higher-education
 institutions. In the book, for the first time in Soviet and
 foreign literatures, the epigenetic theory of uranium-deposit
 formation is expounded. Many Soviet and foreign source materials

Card 1/4

1 50199-65
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13

have been used in this book, and some of the investigations carried out by the present authors are published in this book for the first time. Several names of Soviet scientists working in this field are mentioned. V. A. Uspenskiy collaborated on Ch. X, and M. A. Viselkina on Ch. III. The authors thank A. A. Saukov, deceased, Corresponding Member Academy of Sciences USSR, and F. I. Vol'fson, D. G. Sapozhnikov, V. I. Gerasimovskiy, M. F. Strelkin, G. S. Gritsavenko, and I. P. Kushnarev, Doctors of Geologico-Mineralogic Sciences; V. I. Danchev, Candidate of Geologico-Mineralogic Sciences, and N. A. Volokovykh. There are about 12 pages of references of which about 3/4 are Soviet.

TABLE OF CONTENTS [abridged]:

Introduction -- 4

Ch. I. Epigenetic processes in hypergenesis zone -- 9

Ch. II. Chemistry and crystallochemistry of uranium compounds -- 22

Card 2/4

L 50199-65

AM5014982

- Ch. III. Associations of nonoxidized uranium minerals in epigenetic deposits -- 37
- Ch. IV. Uranium in surface and ground waters -- 48
- Ch. V. Uranium in stratal waters -- 57
- Ch. VI. Classification of exogenous uranium deposits -- 83
- Ch. VII. Exodiagenetic deposits (Type 5) -- 113
- Ch. VIII. Deposits of Oxygenous sheet oxidation (Type 6) -- 133
- Ch. IX. Deposits of oxygen-free oxidation (Type 7). Deposits in oil-bearing carbonate rocks -- 180
- Ch. X. Uranium-bituminous deposits in nonmetamorphosed sedimentary rocks -- 215

Card 3/4

L 50199-65

AM5014982

Ch. XI. On surface uranium accumulations in regions with arid
climate -- 232

Ch. XII. Zone of oxidation in epigenetic deposits -- 239

Conclusion -- 275

References -- 309

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OTHER: 118

Card 4/4

BATULIN, S.G.; GOLOVIN, Ye.A.; ZELENova, O.I.; KASHIRTSEVA, M.F.;
KOMAROVA, G.V.; KONDRAT'VEVA, I.A.; LISITSIN, A.K.;
PEREL'MAN, A.I., doktor geol.-miner. nauk; SIDEL'NIKOVA, V.D.;
CHERNIKOV, A.A.; SHMARIOVICH, Ye.M.; MURADOVA, A.A., red.

[Exogenetic epigene uranium deposits; conditions governing
their formation] Ekzogennye epigeneticheskie mestorozhdenia
urana; usloviia obrazovaniia. [By] S.G.Batulin i dr. Moskva,
Atomizdat, 1965. 323 p. (MIRA 18:5)

VIKHLIYAYEV, Yu.I.; IL'INSKIY, V.I.; RAYEVSKIY, K.S.; BATULIN, Yu.M.;
GRANDBERG, I.I.; KOST, A.N.

Pharmacology of 3,5-disubstituted pyrazoles. Farm. i toks. 25
no.1:27-32 Ja-F '62. (MIRA 15:4)

1. Otdel po vyyavleniyu fiziologicheskoy aktivnosti novykh produktov
khimicheskogo sinteza (zav. kand.med.nauk Yu.I.Vikhlyayev) Instituta
farmakologii i khimioterapii AMN SSSR i laboratoriya spetsial'nogo
organicheskogo sinteza i analiza (zav. - chlen-korrespondent AN SSSR
prof. A.P.Terent'yev) khimicheskogo fakul'teta Moskovskogo gosudar-
stvennogo universiteta imeni M.V.Lomonosova.
(PYRAZOLE)

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Pharmacological characteristics of some pyrazole derivatives as
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produktov khimicheskogo sinteza (zav. - kand.med.nauk Yu.I.
Vikhlyayev) Instituta farmakologii i khimioterapii AN SSSR,
Moskva.

LAPSHIN, V.V.; POSPELOVA, N.A.; GRINBLAT, V.N.; Prinimali uchastiye:
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Effect of the structure and molecular weight of polypropylene
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Unite small enterprises. Fin. SSSR 19 no. 7:67 J1 '58. (MIRA 11:8)

1. Starshiy inspektor gosudarstvennykh dokhodov Belebeyevskogo
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KRYUGER, Yu.V., redaktor.

[Efficiency proposals of plasterer S.A. Afonin] Rationaliza-
satorskie predlozheniya shtukatura S.A. Afonina. Moskva, Gos.
izd-vo lit-ry po stroitel'stvu i arkhitekture, 1953. 14 p.
(Plastering) (MLRA 7:8)

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NAZAROV, D.P.; BATULIN, G.S.; BOGDANOV, B.N., inzhener, nauchnyy redaktor;
UDOD, V.Ya., ~~redaktor~~; TOKER, A.M., tekhnicheskiy redaktor

[S.F.Zhabin's method of covering stairsteps with mosaic slabs]
Oblitsovka stupenei mosaichnymi plitami po metodu S.F.Zhabina.
Moskva, Gos. izd-vo lit-ry po stroitel'stvu i arkhitekture, 1954.
18 p. (MIRA 7:10)

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Migration series of elements in the weathering surface. Korà
vyvetr. no.4:219-260 '62. (MIRA 15:9)

1. Institut geologii rudnykh mestorozhdeniy, petrografii,
mineralologii i geokhimii AN SSSR.
(Weathering) (Geochemistry)

BATULIN, V.A., inzh.

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PENYUGALOVA, Z. P.; PUSTIKAREV, V. V.; BATULINA, R. Kh.: 1960, Zh.P.

Heterocyclic derivatives. Part 3: Some derivatives of phenazine.
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N-oxides of acridine derivatives containing a bis-(β -chloro-ethyl) amino group. Zhur. ob. khim. 34 no.7:2475-2476 J1 '64
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1. Ural'skiy politekhnicheskiy institut imeni S.M. Kirova.

SHAPOVALENKO, Sergey Grigor'yevich; LAPITSKIY, A.V., doktor
khim. nauk, prof., retsenzent; SMIRNOV, A.D., kand.
khim. nauk, dots., retsenzent; SYROYEZHKIN, I.T.,
retsenzent; BATULINA, V.V., red.; MAKHOVA, N.N.,
tekhn. red.

[Methodology of teaching chemistry in eight-year and
secondary schools; general problems] Metodika obucheniia
khimii v vos'miletnei i srednei shkole; obshchie voprosy.
Posobie dlia uchitelei. Moskva, Uchpedgiz, 1963. 667 p.
(MIRA 17:3)

1. Chlen-korrespondent Akademii pedagogicheskikh nauk
RSFSR (for Shapovalenko). 2. Uchitel' khimii sredney shkoly
No.13 Kuybyshevskoy oblasti (for Syroyezhkin).

AUTHORS: Dub, A., Batumov, A., Engineers SOV/84-58-8-25/59
TITLE: The An-10 Airframe (Samolet An-10 - Planer)
PERIODICAL: Grazhdanskaya aviatsiya, 1958, Nr 8, pp 16-17 (USSR)
ABSTRACT: The article gives a fairly detailed description of structural and functional features of the airframe. No technical data are included.

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Changes in the pancreas following subdiaphragmatic resection of the right vagus nerve. Biul. eksp. biol. i med. 3[1.e.53] no.3: 102-104 Mr '62. (MIRA 15:4)

1. Iz kafedry patologicheskoy fiziologii (zav. - dotsent V. Ya. Batunina) Gor'kovskogo meditsinskogo instituta (rektor - dotsent I. F. Matyushin) Predstavlena deystvitel'nyy chlenom AMN SSSR N. A. Krayevskiy.
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18

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Russ. 43,204, Aug. 31, 1935. Construction details.

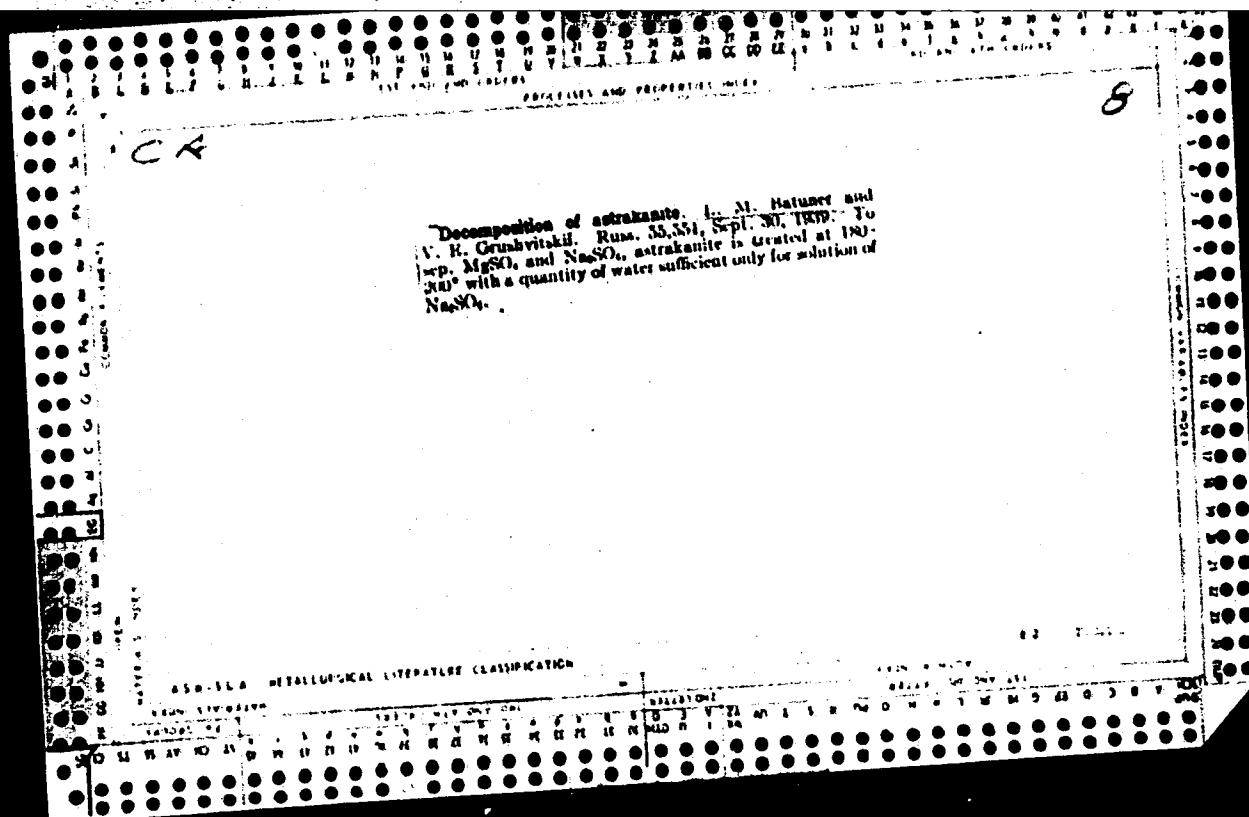
430-35.4 METALLURGICAL LITERATURE CLASSIFICATION

CLASSIFICATION	DATE	REMARKS
430-35.4	Aug 31 1935	Construction details

BC

Preparation of boric acid and magnesium sulphate from Indurak borates. L. M. BARKER (U. S. Pat. Off., Wash., 1933, 41, 391-397).—The solubility of $MgSO_4$ is min. in 50% H_2SO_4 , which does not decompose $MgSO_4$ at 30°. The following process is applied to the group of $MgSO_4$ and $MgSO_4$ from Indurak borates (MgO 27.3, MgO 24-25, CaO 14-16, CO_2 44%). The material is treated with 80% H_2SO_4 , and filtered and the residue washed (wash H_2O added to last stage). $MgSO_4$ crystallizes from the filtrate. The mother liquor is evaporated and up to 60% of H_2SO_4 is added, when $MgSO_4 \cdot H_2O$ separates. The mother liquor from this $MgSO_4 \cdot H_2O$ is returned to the first stage of extraction of the material. R. T.

B-7-8



BATUNER, L. K.

M. Ye. Pozin, and L. K. Batuner, Matematicheskiye metody v khimicheskoy tekhnike (Mathematical Methods in Chemical Engineering), Goskhimizdat.

The booklet describes methods of mathematical solution of various problems of chemistry, chemical technology, and technique, and presents numerous examples of the solution of specific problems which chemists encounter in their practical work.

The book is intended for production and research chemical engineers, and may serve as an aid for students of chemical technology institutes, and postgraduate students.

SO: Sovetskije knigi (Soviet Books), No. 186, 1953, Moscow, (U-6472)

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1955. 481 p. (MIRA 9:7)
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