cA

9

The formation of barrier anodes of aluminum at various concentrations of various electrolytes K. Gumiński and J. Kawecka (Jagiellonian Univ., Kraków, Poland). *Bull. intern. acad. polon. sci., Classe sci. math. nat.* **1949A**, No. 1-4, 43-61(in English); cf. C.A. **43**, 8924.—Previous investigations on the formation of Al anodes in solns. of oxalic acid were extended to include those of sulfuric acid, ammonium sulfate, citric acid, tartaric acid, mixts. of citric acid and sodium citrate, and a different specimen of sheet Al with oxalic acid and ammonium oxalate. The results are discussed. Alfred J. Moses

A

The formation of barrier anodes of aluminum. K. Gumiński and Z. Seweryn (Jagiellonian Univ., Kraków, Poland). *Bull. intern. acad. polon. sci., Classe sci. math. et nat.* **1949A**, 91–9(in English).—Anodes were formed in a soln. of $H_2C_2O_4$ of the following concns.: 1 *N*, 0.1 *N*, 0.01 *N* with currents of 50 ma., 30 ma., and 10 ma. The surface of the Al plates used as anodes was 5.4 sq. cm. The process of soln. of the barrier layer which is responsible for the formation of thick layers, causes an increase of current. After some time the ion conduction becomes sufficient to balance the soln. process. Thin layers formed in dil. solns. have a more cryst. structure, while thick layers tend to be amorphous and less coherent structure.
F. F. Stevenson

Formation of barrier anodes of aluminum in water solutions of some organic electrolytes. K. Gumiński and H. Ponińska (Jagiellonian Univ., Kraków, Poland). *Bull. acad. polon. sci., Classe sci. math. nat., Sér. A*, 1951, 329–334 (Publ. 1952) (in English).—The formation of barriers on anodes composed of Al 97.2, Fe 0.4, Mn 1.7, Cu 0.3, and Si 0.4% was investigated with a const. 50-ma. current in solns. of org. electrolytes. The 4.8 sq. cm. anodes were carefully polished before use, poorly polished anodes permitting the formation of easily pierced barriers. The acid solns. studied were 0.01, 0.1, 0.5, and *N* formic; 0.01, 0.1, and *N* AcOH; 0.001, 0.05, 0.1, and *N* propionic; 0.001, 0.01, 0.05, 0.1, and *N* malonic; 0.01, 0.1, and *N* succinic; 0.0125, 0.1, 0.25, and 0.5 *N* maleic. A certain correlation was found between the glow of the anode, the increase and amount of the potential drop (p.d.), and the color and thickness of the layer obtained. The glow appeared in propionic and malonic acids at lower concns.; in AcOH and in Na succinate at all investigated concns. (0.01, 0.1, and *N*). No glow was observed in formic and maleic acid solns; however, a general corrosion of the anodes was seen, especially at higher concns. Whenever an anode did not glow, the layer formed was found to be very thin or nonexistent with anode corrosion appearing. In these cases, the p.d. remained very nearly const. with time. In cases of anode glow, the p.d. increased monotonically; i.e., no glow appeared until after a characteristic min. was overcome. In almost all cases, sedimentation of Al_2O_3 occurred. Judging from interference colors, thicker layers were obtained at higher concns. The anodes in Na succinate solns. gave a glow which was visible even in daylight.

Harry Letaw, Jr.

5

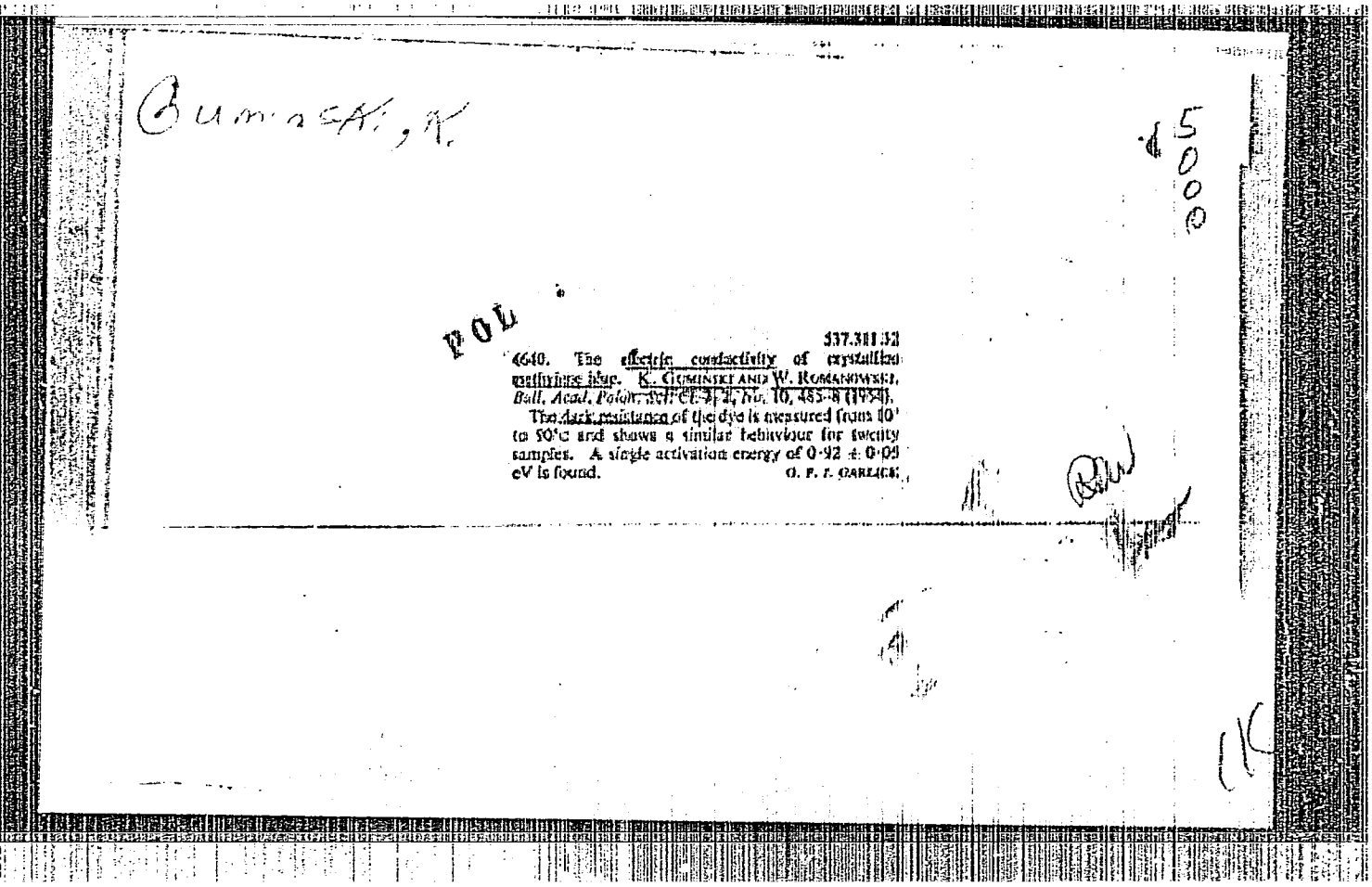
Formation of barrier anodes of aluminum. K. Gumlishi, T. Chocianowicz, and W. Wazewska (Univ. Wrocław). *Bull. intern. acad. polon. sci., Classe sci. math. nat., Ser. A*, 1951, 335–40(Pub. 1952)(in English).—The process of barrier formation on anodes composed of Al 99.33, Si 0.30, and Fe 0.37% was studied in Na_2HPO_4/KH_2PO_4 buffer solns. contg. 6.3354 g./l. of PO_4 ion and with pH values of 5.0, 6.0, 6.4, 6.8, 7.0, 7.3, 7.6, and 8.0. The temp. was 17° ± 0.6°. The 5.2 sq. cm. anodes were carefully and identically polished before immersing. A current of 40 ma. was used throughout. Two series of expts. were carried out. In one, the solns. were static, while they were flowing in the other case in order to avoid pH changes during electrolysis. In both series, with increase of pH, voltages rose higher more rapidly. The terminal voltages reached 430 v. in the 2nd series and 180–220 v. in the first series. The process of barrier formation on 2.4 sq. cm. anodes in $Na_3[Co(NO_2)_6]$ and 2.0 sq. cm. anodes in KBF_4 was observed. Temp. was held const. in both cases, and current was held at 10 ma. and 30 ma., resp. With increasing dilu., the terminal voltages were reached more quickly. The potential drops in the KBF_4 solns. were several times greater than those in the cobaltinitrite solns. In agreement with the results of Güntherschulze (*C.A.* 15, 2230). The formation of the film in the cobaltinitrite solns. was characterized by 3 stages: an induction period followed by a period of voltage fluctuations with bubble formation (each of which is reduced in time by dilu.), then a steady increase in voltage to its terminal value. If the formation was continued after this point, great voltage fluctuation, presumably caused by the alternate failure and regrowth of the barrier, was observed. Harry Letaw, Jr.

535.371

4394. Investigations on the luminescence of some powder-phosphors. K. Gumiński and Z. Ruziewicz. *Bull. Internat. Acad. Polon. Sci. A, No* 3-6, 109-21 (*March-June*, 1951).

Samples of KBr-TlCl phosphors are made by grinding the constituents together in an agate mortar. Increase in Tl content increases the u.v. emission but decreases the visible emission. At high Tl content the phosphorescence decay is complex but is exponential for Tl contents less than a few per cent.

G. F. J. GARLICK



Bumeai, K.

POL

537.311.33

4640. The electric conductivity of crystalline sulphides. K. Cummerer and W. Romanowski. *Bull. Acad. Polon. Sci. Cl. 3 P.*, No. 10, 485–8 (1954).

The dark resistance of the dye is measured from 10° to 50°C and shows a similar behaviour for twenty samples. A single activation energy of 0·92 ± 0·05 eV is found.

O. F. T. CARLING.

Electric conductivity of thin layers of crystalline methylene blue. K. Czmiński and W. Rogmanowski (Jagiellonian Univ., Kraków, Poland). *Roczniki Chem.* 28, 715–9 (1954)(English summary).—The dependence of elec. cond. of thin polycryst. layers of methylene blue on temp. was investigated. The layers were obtained by crystn. from satd. solns. on a quartz plate between two Ag electrodes. The behavior of the observed temp. dependence of the elec. cond. exhibited similarity to semiconductors. The activating energy is 0.92 ± 0.05 e.v. Further research is under way.

Sylvia Nowinska

GUMINSKI, KAZIMIERZ.

Termodynamika. (Wyd. 1.) Warszaw, Panstwowe Wydawn. Naukowe, 1955.
340 p. (Thermodynamics. 1st ed. illus., bibl., footnotes, graphs, index)

SO: Monthly Index of East European Acessions (AEEI) Vol. 6, No. 11 November 1957.

Category : POLAND/Atomic and Molecular Physics - Statistical physics. Thermodynamics D-3

Abs Jour : Ref Zhur - Fizika, No 1, 1957 No 805

Author : Guminski, Kazimierz
Title : Heat

Orig Pub : Dosmos (Warszawa), 1955, B1, No 2, 133-138

Abstract : No abstract

Card : 1/1

Gawinski, K

2

An Attempt to Elucidate the High Pressures of Hydrogen in Iron Cathodically Saturated with Hydrogen. K. [illegible] (Bull. Acad. Polonaise Sci., 1956, 4, Class 3 [illegible]

[illegible] is assumed to [illegible]

1/ME mk

GUMINSKI, KAZIMIERZ

The possibility of applying analogous concepts, as in the theory of semiconductors, to organic crystals. Kazimierz Gumiński (Univ. Kraków, Poland). Roczniki Chem. 31, 183-93(1957)(English summary).—The possibility is considered of applying to org. crystals concepts analogous to those used in the theory of semiconductors. The phys.-chem. interpretation of certain aspects of this theory permits application of this hypothesis to other phenomena, such as the elec. cond. of org. crystals (cf. Gołębiewski, following abstr.), chlorophyll photosynthesis, or the action of vitamin B₁₂. A. Kręglewski

GUMINSKI, K.

"The kinetic interpretation of heat"

p. 219 (Kosmos, Seria B; Przyroda Nieozywiona, Journal on natural sciences with the exception of biology issued by the Copernicus Society of Polish Naturalists, Vol. 4, no. 3, 1958, Warsaw, Poland)

Monthly Index of East European Accessions (EEAI) LC, Vol. 8, No. 1, Jan. 59.

POLAND / Physical Chemistry. Thermodynamics. Thermo- B-8
chemistry. Equilibria. Phase Transitions.
Physico-Chemical Analysis.

Abs Jour: Ref Zhur-Khimiya, No 7, 1959, 22479.

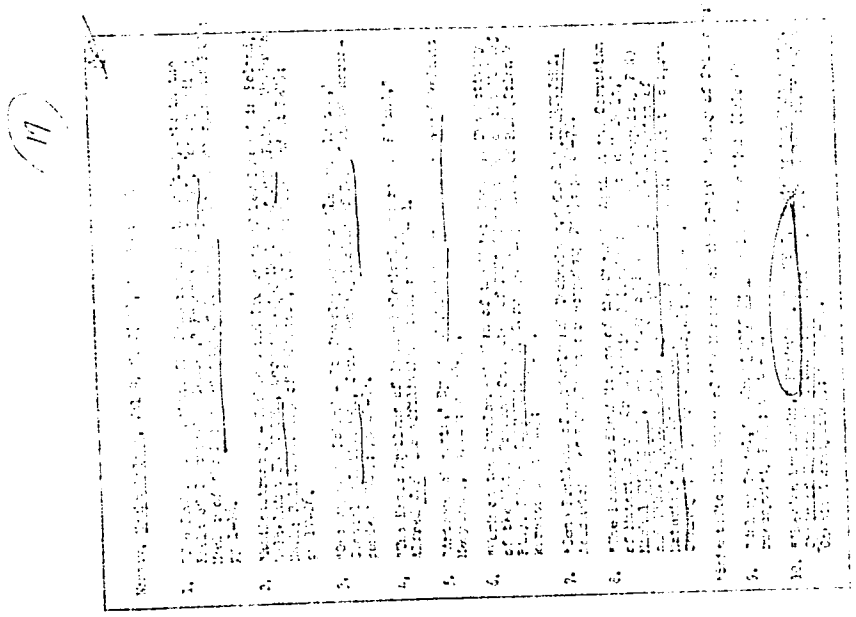
Author : Guminski, Kazimierz.
Inst : Not given.
Title : To the Question Concerning The Azeotropic Point.

Orig Pub: Roczn. chem., 1958, 32, No 3, 569-582.

Abstract: The law of displacement of equilibrium in the shape given to it by Planck is used for discussing the shape of curves of the dependence of the temperature (T) on the concentrations (c' and c"), as well as of the first and second derivatives in a binary and two-phase system near the azeotropic point. 6 different possible relative

Card 1/2

GUMINSKI, K.



IDKLINSKA, Marta; GUMINSKI, Kazimierz

Electrical conductivity of pollycrystalline acenaphthene and acenaphthenequinone. Rocz chemii 37 no. 7/8:899-903 '63.

1. Institute of Theoretical Chemistry, Jagiellonian University, Krakow, and Institute of Physical Chemistry, Polish Academy of Sciences, Krakow.

GUMINSKI, Kazimierz; WOLTER, Katarzyna

Electric conductivity of polycrystalline β-naphthoic acid. Rocz chemii 36 no.4:713-716 '62.

1. Department of Theoretical Chemistry, Jagellonian University, Krakow, and Institute of Physical Chemistry, Polish Academy of Sciences, Krakow.

AMS/A+B

M

MAY 1951

551.582 (4)(438)

2.5-170

Gumiński, Romuald. Próba wydzielenia dzielnic rolniczo-klimatycznych w Polsce. [The establishment of agricultural climatic regions in Poland.] *Przegląd Meteorologiczny i Hydrologiczny*, Warsaw, No. 1/2: 20, April 1948. figs., refs. English summary p. [illegible] DWB— Poland is divided into 21 climatic regions (fig. 2) on the basis of temperature, precipitation and soil humidity. *Subject Headings:* Agro-climatic regions, Poland.

Climatology

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

1ST AND 2ND ORDERS PROCESSES AND PROPERTIES INDEX 3RD AND 4TH ORDERS

AM7/A1B

MAY 1951

2.5-51 551.510.53

Gumiński, Romuald. Niektóre zagadnienia stratosfery. [Problems of the stratosphere.] *Przegląd Meteorologiczny i Hydrologiczny*, Warsaw, No. 3-4:11-20, Dec. 1948. 7 figs., 2 tables. English summary p. 20. DWB—A review (with reproductions of photographs of complicated apparatus) of work done by REGENER in 1939 and 1940 in determining the structure of the stratosphere through soundings of temperature and humidity and chemical analysis of oxygen (ozone) content up to 32 km. Work of TEISSERENC DE BORT and STOERMER also reviewed. *Subject Headings:* Structure of the stratosphere, Ozone distribution, E. Regener.—*M.R.*

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

GUMINSKI, RUMUALD

Meteorological Abst.
Vol. 4 No. 10
October 1953
Part 1
Climatology and
Bioclimatology

4.10-231

Gumiński, Rumuald, 35-letie "okresy" wahań klimatycznych Brücknera w świetle klimatologii dzisiejszej. [35 year Brückner climatic cycle from the point of view of radiation climatology.] *Poland. Państwowy Instytut Hydrologiczno-Meteorologiczny. Wiadomości Służby*, 1(4):295-307, 1949. 6 figs., 31 refs. French summary p. 306. DWB—BRUCKNER's theory of 35-year periods of climatic variation is critically analyzed and discussed on the basis of modern climatology and statistical mathematics. In perfect agreement with the opinion expressed by the Austrian geophysicist WAGNER, the author concludes that BRUCKNER's hypothesis is erroneous and is of historical significance only. *Subject Headings:* 1. Brückner's cycle 2. Climatic variations.—*A.M.P.*

GUMINSKI, ROMUALD

4.

(4) Geo

4.11-245 551.582.2(438)

Meteorological Abst.
Vol. 4 No. 11
Climatology and
Bioclimatology

Wiszniewski, W., Guminski, Romuald and Bartnicki, L., Przyczynki do klimatologii Polski. [Contributions to the climatology of Poland.] *Poland. Panstwowy Instytut Hydrologiczno-Meteorologiczny, Wiadomosci Sluzby*, 1(5):345-372, 1949. mostly tables, charts (fold.), refs. English summary and headings. DWB—Tables of mean monthly and annual temp., mean diurnal, monthly and annual maxima, minima and range of temp.; absolute maxima and minima, ice days, frost days, hot days, very cold and very hot days, mean and extreme days of latest and earliest killing frost and length of frost-free period. Maps with mean monthly and annual actual isotherms (intervals 0.5°C) are added. Regarding the international agreement for the normal period 1901-30, the period used is 1881-1930, in accordance with the "Klimakunde des Deutschen Reiches" (1939) from which data for the former Eastern Germany are taken. A list is given showing the new Polish names of meteorological stations. *Subject Headings:* 1. Climate of Poland 2. Climatic data 3. Climatic charts 4. Temperature distribution 5. Poland.—*A.A.*

GUMINSKI, Romuald

5.

Meteorological Abst.
Vol. 4 No. 3
March 1953
Climatology and
Bioclimatology

4.3-281 551.588.6:06

Zebranie Pol. Tow. Geograficznego oraz Pol. Tow. Meteorol. i Hydrol. w Warszawie. [Report on a joint session of the Polish Geographical Society and the Polish Meteorological and Hydrological Society.] *Gazeta Obserwatora PIHM*, Warsaw, 3(12):14–15, Dec. 1950. DLC—A report [illegible] article. *Subject Headings:* [illegible] 2. Conferences [illegible] Poland. I. Guminski, Romuald.—*A.MP.*

4

AMS

551.5:06(09)(438)

3.5-19

Gumiński, R., Rapport de la Section de Meteorologie pour la periode 1939-1948 redige pour l'Association Internationale de Meteorologie. (Report of the section of meteorology for the period 1939-1948 prepared for the International Meteorological Association.) International Union of Geodesy and Geophysics, Association of Meteorology, Olso 1948, Proces-Verbaux, 3:194-196, Nov. 1950. In French. DWB- Report on research or development in Poland from 1945-1947 in fields of aerology, climatology, atmospheric optics and electricity, agricultural meteorology, synoptic meteorology and microclimatology. The entire Polish network was destroyed during the war and 24 of the meteorologists killed. A number of manuals have been written for the reorganized service. Subject Headings: 1. Meteorological services 2. Meterological research 3. Poland. - M.R.

GUMINSKI, S.

Meteorologia i klimatologia dla rolnikow. Warszawa, Panstwowe Wydawn. Rolnicze i Lesne, 1951. 240 p. (Meteorology and climatology for farmers.
DA Not in DLC

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

GUMINSKI, ROMUALD

Meteorological Abst.
Vol. 4 No. 10
October 1953
Part 1
Radiation and
Temperature

4.10-148 ✓ 551.524.37:551.578.46

*Guminski, Romuald, Meteorologia na usługakh budownictwa zimowego. [Meteorology as applied to architecture in winter.] *Przegląd Meteorologiczny i Hydrologiczny*, Warsaw, No. 1/2:108-115, 1952. 8g., table, 3 refs., eq. MH-BH—Review of climatic conditions in Poland important for construction during the winter season. The author considers that the most important are air temperature, snow cover and frost penetration into soil. For numerous points of Poland the mean annual number of days with frost (when minimum was below freezing point) and ice days (when the maximum temperature of air was below the freezing point) are given. The empirical equation for computation of depth of frost penetration into soil published by DEBSKI in 1949 and significance of variable values for different points in Poland are included in this review. The equation presented by DEBSKI is $Z = (126 - 0.9SG)B\sqrt{T}$ where Z=depth of frost penetration into soil in cm., S=depth of snow cover, G=variable values depending on soil type, B=variable values depending on location of observation point, T=sums of daily temperatures below 0°C. *Subject Headings*: 1. Applied meteorology 2. Frost 3. Snow cover effects 4. Building construction 5. Poland.—*N.T.Z.*

GUMINSKI, R.

Meteorology and Climatology for Farmers. Warsaw: 2d Ed. (Corrected), PWRiL, 1954.

COUNTRY : USSR
CATEGORY : PLANT PHYSIOLOGY. Mineral Nutrition.

ABS. JOUR. : REF ZHUR - BIOLOGIYA, NO. 4, 1959, No. 15274

AUTHOR : Gaminski, S.
INST. : Vrotslav Univ.
TITLE : Mechanism and Conditions of Physiological Effect of Humus Substances on the Plant Organism.

ORIG. PUB. : Pochvovedeniye, 1957, No.12, 72-78

ABSTRACT : At Vrotslav University a study was made of the physiological effect of sodium humate (50 mg/liter) isolated from humate on the growth of Coelastrum, Pediastrum, Cladophora algae, Rhizobium bacteria, and tomatoes, depending on oxidation-reduction conditions. H_2O_2 and $KMnO_4$ were used as oxidizing agents, and H_2S and cystine as reducing agents. The oxidation-reduction conditions of the nutrient solution were regu-

CARD: 1/3

COUNTRY
CATEGORY
APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617330006-5"
ABS. JOUR. - REF ZHU - BIOLOGIYA, NO. 4, 1959,
AUTHOR
INST.
TITLE
ORIG. PUB. :

ABSTRACT : lated by varying degrees of aeration. Under non-aerated conditions a positive influence of humate on the growth of algae and tomatoes was observed. Compounds found in potato tubers and leaf extracts of the beech and oak had a similar characteristic, as did also the "synthetic fertilizing substances", experimentally prepared by the author, which contained paraquinone, gallic acid, and gallotannin. When there was too little O_2 in

CARD: 2/3

COUNTRY

GUMINSKI, S.

Report on proceedings on vegetable and soil biochemistry at the Fourth International Congress of Biochemistry in Vienna in 1958.
Postery biochem. 5 no.4:405-421 '59.
(SOIL chem)
(PLANTS chem)

GUMINSKI, Stefan

On the influence of humous similar substances upon the respiration of roots and seeds. Acta agrobotan 9 no.1:123-127 '60.

GUMINSKA, Z.; GUMINSKI, S.; BADURA, L.

On the direct and indirect effect of humus compounds upon the plant organism.; preliminary note. Acta soc botan Pol 31 no.2:265-268 '62.

1. Instytut Botaniczny, Uniwersytet Wroclawski, Wroclaw, Kanonia 6/8.

GUMINSKI, S.

Influence of condensed oxygen and carbon dioxide in the environment on the breathing of plants and reflection of this influence on the health of the plants. Wiadom botan 8 no.2:115-130 '64.

1. Department of Plant Physiology, University, Wroclaw.

GOMINSKI, S.; BADUROWA, M.

Significance of natrium humate in water cultures in the presence of carbon dioxide, bicarbonates and sulfureted hydrogen in feeding solutions. Acta soc botan Pol 34 no.1:83-96 '65.

1. Department of Plant Physiology of the Wroclaw University.
Submitted September 14, 1964.

POLAND

GUMINSKI, Tadeusz and OSTROWSKI, Antoni; First Child Clinic (I Klinika Dziecieca), AM [Akademia Medyczna, Medical Academy] in Krakow (Director: Prof. Dr. Tadeusz GIZA)

"Accidental Poisoning in Children."

Warsaw, Polski Tygodnik Lekarski, Vol 18, No 13, 25 Mar 63, pp 474-478.

Abstract: [Authors' English summary modified] Authors note the 3.8-fold rise in cases of accidental poisoning in children at the clinic in 1958-1961, caused mainly by drugs and cleaning agents. They recommend that parents be taught caution, that distributors label toxic products as such and print antidotes on the labels, and that the amount of poison-producing medicine which may be sold be limited. There are six (6) references, of which one is Polish, and the others in English.

1/1

P/044/62/000/006/001/005
D002/D101

13,2000

AUTHOR: Gumiński, Z., Major, Navigator

TITLE: Interceptor guidance under conditions of radar jamming

PERIODICAL: Wojskowy przegląd lotniczy, no. 6, 1962, 20-30

TEXT: The author was awarded second prize for the article in a contest sponsored by the Wojskowy przegląd lotniczy. A general outline is given of procedures designed to make possible or assist interceptor guidance when impaired by jamming. The introduction gives an account of directions for comparatively easy determination of approximate azimuth, elevation, range, direction, and speed in passive jamming, and the more difficult task of providing same data in active jamming. Fitness of personnel and equipment is made a prerequisite for usable guidance; rules to be observed by ground crews and pilots are outlined for peculiar situations and equipment. There are 5 figures.

Card 1/1

GUMINSKI, Tadeusz

Calcium determination in human blood serum by means of a dextran gel test. Pol. tyg. lek. 20 no.12:427-429 22 Mr '65

1. Z I Kliniki Dziecięcej Akademii Medycznej w Krakowie (Kierownik: prof. dr. med. Tadeusz Giza).

GUMIENNY, Z.; LUKASIEWICZ, B.

Comparison of the quality of flowers and flake bulbs of sword lilies from soil cultivation in frames, subsurface feeding, and hydroponic culture. Wiadom botan 8 no.2:177-178 '64.

GUMINSKIY, A. A.

"Influence of the Cerebellum on the Coordination of Spinocortical Reflexes." Sub 8 Oct 51, Moscow City Pedagogical Inst imeni V. P. Potemkin.

Dissertations presented for science and engineering degrees in Moscow during 1951.

SO: Sum. No. 480, 9 May 55

GUMINSKIY, A.A.

Conduction paths of the cerebellum. Uch. zap. MGPI 169:251-258 '62. (MIRA 17:5)

GUMINSKIY, A.F.

Effect of the cerebellum on the coordinating function of the spinal cord. Uch. zap. MGPI 24 189-204 62.

Experimental studies of the localization of functions within the cerebellum. Uch. zap. MGPI [illegible] 205-214 62. (MIRA 17:5)

MALAKHOV, G.M.; LUGAVSKOY, S.I.; MARTYNOV, V.K.; NIKULIN, S.E., GUMINSKIY, M.V. RYZHOV, P.A., redaktor; PARTSEVSKIY, redaktor; MIKHAYLOVA, tekhnicheskiy redaktor.

[Reducing waste and loss of iron ore in the working of mines in Krivoy Rog Basin] Snizhenie poter'i rasuboshivaniia zheleznoi rudy pri razrabotke mestorozhdenii Krivorozhskogo basseina. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1955.208 p. (MLRA 9:4)
(Krivoy Rog--Iron mines and mining)

GUMINSKIY, M.V. (Krivoy Rog)

Optical polarization method of studying rock pressure problems in a field of centrifugal forces. Izv.AN SSSR.Otd.tekh.nauk.Met.i topl. no.3:109-115 My-Je '60. (MIRA 13:6)
(Rock pressure—Testing)

GUMINSKIY, M.V., kand.tekhn.nauk

Study of cutting blocks by the optical method. Izv.vys.ucheb.zav.; gor.zhur. 5 no.9:27-33 '62. (MIRA 15:11)

1. Krivorozhskiy gornorudnyy institut. Rekomendovana kafedroy shakhtnogo stroitel'stva.
(Krivoy Rog Basin—Mining engineering)

GUMINSKIY, M.V., dotsent

One of the methods of determining the dimensions of pillars. Izv. vys. ucheb. zav.; gor. zhur. 6 no.6:26-34 '63. (MIRA 16:8)

1. Krivorozhskiy gornorudnyy institut. Rekomendovana kafedroy shakhtonogo stroitel'stva.
(Mining engineering)

GUMINSKIY, M.V., kand.tekhn.nauk; KLOCHKOV, V.F., inzh.

Determining the size of the lateral gap in using the optical method of studying stresses by means of models. Izv.vys.ucheb.zav.;gor.zhur. 7 no.7:18-22 '64. (MIRA 17:10)

1. Krivorozhskiy gornorudnyy institut. Rekomendovana kafedroy shakhtnogo stroitel'stva i provedeniya gornykh vyrabotok.

GUMINSKIY, M.V., dotsent

Selection of an efficient way of cutting out a block in a free-block caving system in the Krivoy Rog Basin. Sbor. nauch. trud. KGRI no.7:129-144 '59. (MIRA 16:9)
(Krivoy Rog Basin--Mining engineering)

GUMINSKIY, M.V., dotsent

Character of pillar fracturing. Izv. vys. ucheb. zav.; gor. zhur. 7 no.11:24-30 '64. (MIRA 18:3)

1. Krivorozhskiy gornorudnyy institut. Rekomendovana kafedroy shakhtostroyeniya i provedeniya gornykh vyrabotok.

GUMINSKIY, V. [Humyns'kyi, V.]

Lime production in interfarm building organization of Zhitomir Province. Sil'.bud. 10 no.1:14 Ja '60. (MIRA 13:5)

1. Nachal'nik upravleniya stroitel'stva Zhitomirskogo oblupravleniya sel'skogo khozyaystva.
(Zhitomir Province--Lime)

DEMIRKHANOV, R.A.; GUMKIN, T.N.; DOROKHOV, V.V.

Masses of C^{13}, N^{14}, and N^{15} isotopes. Atom.energ. 2 no.6:544-551 Je '57. (MLRA 10:7)

(Isotopes--Mass) (Carbon--Isotopes) (Nitrogen--Istotopes)

MESTER, I.M.; SAKSONOV, V.N.; GUMMEL', A.Ya.; SOKOLENKO, Yu.V.

Structural parameters and results of the industrial testing of telemetering apparatus for measuring methane concentrations in mine air. Nauch. trudy KNIUI no. 11:299-313 '62.
(MIRA 17:7)

SOV-127-58-8-5/27

AUTHOR: Gummel', I.

TITLE: Ore Extraction by the System of Sub Level Cave-In in the Nučice Iron Ore Basin (Dobycha rudy sistemoy podetazhnogo obrusheniya v Nuchitskom zhelezorudnom basseyne)

PERIODICAL: Gornyy zhurnal, 1958, Nr 8, pp 30-34 (USSR)

ABSTRACT: This is a translation by the Mining Engineer Ye.A. Devis of articles published in Nr 5 (1956) and Nr 3 (1957) of the Czechoslovakian periodical "Rudy". There are 6 diagrams.

ASSOCIATION: Ministerstvo metallurgicheskoy promyshlennosti i gornorudnogo dela Chekhoslovakii (The Czechoslovakian Ministry of Metallurgical and Mining Industries)

1. Mining engineering 2. Iron ore--Production 3. Mines--Operation

Card 1/1

GUMMEL', I. O.

"Biological Reasons for Certain Peculiarities in Cultivation of Muscatel Sage in the Moldavian SSR." Moscow Order of Lenin Agricultural Academy imeni K. A. Timiryazev, Krasnodar, 1955. (Dissertation for the Degree of Candidate of Biological Sciences)

SO: M-972, 20 Feb 56

USSR/Cultivated Plants - Medicinal. Essential Oil-Bearing. M.
Toxins.

Abs Jour : Ref Zhur - Biol., No 10, 1958, 44392

Author : Gunkel', I.O.

Inst : All-Union Scientific Research Institute for Oil-Bearing and Essential Oil-Producing Crops.

Title : Harrowing the Coriander Sowings.

Orig Pub : Byul nauchno-tekhn. inform. Vses. n.i. in-ta maslichn. i efiromaslichn. kul'tur, 1957, No 3, 37-39.

Abstract : No abstract.

Card 1/1

GUMMICH, Karl-Heinz

Achievements and tasks of the railroad system in the German Democratic Republic. Vasut 13 no.8:10-13 Ag '63.

GUMMICH, Karl-Heinz

Success and tasks of railroads in the German Democratic Republic.
Doprava no.4:313-316 '63.

GUMMICH, Karl Heinz

Economical railroad transportation in the German Democratic Republic. Magy vasut 7 no.17:2 2 S '63.

GUMMICH, Karl Heinz

Diesel and electric traction is gradually introduced by the Deutsche Reichsbahn. Magy vasut 8 no.3: 5 3 F'64.

GUMNITSKIY, T.

Increase the production and variety of hardware. Sov.torg. no.1:7-9 Ja '58. (MIRA 10:12)
(Hardware)

GUMNITSKIY, T.; RUMYANTSEV, L.; KOGAN, D.

Economic council enterprises increase production of household goods. Sov.torg. no.6:18-21 Je '58. (MIRA 13:2)

(Household appliances)

GUMNITSKIY, Z.G., inzh. (Stantsiya Baranovichi, Belorusskoy dorogi.)

Aiming for a better track. Put' i put.khoz. 5 no.12:5 D '61.
(MIRA 15:1)

(Railroads--Labor productivity)

GUMOVSKIY, Ivan Aleksandrovich; SHIRSHOV, I.V., kand. ekonom. nauk, red.; POSAZHENNIKOVA, Ye., red.; MARKOVICH, G., tekhn. red.

[How to reduce the cost of grape production] Kak udeshevit' proizvodstvo vinograda. Pod red. I.V.Shirshova. Kishinev. Izd-vo "Shtiintsa," 1961. 31 p. (MIRA 15:6)
(Moldavia--Viticulture)

LAPTEV, I.D.; TERYAYEVA, A.P.; SAPIL'NIKOV, N.G.; CHENTSOV, K.Ye. [deceased]; SEPP, Ya.P.; SUVOROVA, L.I.; ZASLAVSKAYA, T.I.; GREKOVA, A.I.; TONKOVICH, V.S.; IBRAGIMOV, A.I.; KOTSYUBA, T.Ya.; KURYLEV, V.M.; KOVALEVSKIY, G.T.; KALNYNSH, A.A. [Kalnins, A.]; SIDOROVA, M.I.; MALISHAUSKAS, V.I. [Malisauskas, V.]; PASECHNIK, P.P.; BUGAREVICH, V.S.; KARNAUKHOVA, Ye.I.; AREF'YEV, T.I.; KAZAKOV, I.G.; GUMOVSKIY, I.A.; SEMIN, S.I., red.; LINKUNA, N.I., red.; TSITKO, I.A., red.; VOLKOVA, V.V., tekhn. red.

[Material incentives for developing the collective farm production] Material'noe stimulirovanie razvitiia kolkhoznogo proizvodstva. Moskva, Izd-vo AN SSSR, 1963. 326 p. (MIRA 16:12)

1. Akademiya nauk SSSR. Institut ekonomiki. 2. Institut ekonomiki AN SSSR (for Laptev, Teryayeva, Suvorova, Zaslavskaya, Sidorova, Karnaukhova). 3. Sredneaziatskiy gosudarstvennyy universitet (for Sapil'nikov). 4. Komi filial AN SSSR (for Chentsov). 5 Institut ekonomiki AN Estonskoy SSR (for Sepp). 6 Bashkirskiy filial AN SSSR (for Grekova). 7. Institut ekonomiki AN Belorusskoy SSR (for Tonkovich, Kovalevskiy). 8. Institut ekonomiki AN Uzbekskoy SSR (for Ibragimov)

(Continued on next card)

LAPTEV, I.D.--- (continued). Card 2.

9. Institut ekonomiki AN Ukr.SSR (for Kotsyuba, Pasechnik). 10. Belorusskiy institut ekonomiki i organizatsii sel'skokhozyaystvennogo proizvodstva (for Bugarevich). 11. Vsesoyuznyy institut sakharnoy svekly (for Aref'yev). 12. Institut ekonomiki AN Kirgizskoy SSR (for Kazakov). 13. Rabotnik TSentral'nogo komiteta Kommunisticheskoy partii Moldavskoy SSR (for Gumovskiy). 14. Kuybyshevskiy planovyy institut (for Kurylev).
(Collective farms--Income distribution)

GUMOWSKA, Maria; SAPINSKI, Andrzej

Clinical observations and therapeutic results in nephrosis in children. Polski tygod.lek. 16 no.4:139-140 23 Ja '61.

1. Z Wojewodzkiego Szpitala Dzieciecego im. B.Krysiewicza w Poznaniu; dyrektor: dr med. M.Stabrowski.
(NEPHROSIS in inf & child)

GUMOWSKA, Maria; KACZMAREK, Jozef; SAPINSKI, Andrzej

A case of rheumatic fever in an unusual course, cerebral emboli and splenic rupture. Pediat. pol. 37 no.12:1331-1334 D '62.

1. Z Oddzialu Wewnetrznego: ordynator — dr med. Z. Jezierska-Majewska i z Oddzialu Chirurgii Dzieciecej: ordynator -- dr med. T. Suwalski Wojewodzkiego Szpitala Dzieciecego im. B. Krysiewicza w Poznaniu Dyrektor: dr med. M. Stabrowski.

(CEREBRAL EMBOLISM AND THROMBOSIS)
(RHEUMATIC FEVER) (SPLEEN)

NERMUT, M. V., and GUMPERT, J., of the Institute for Microbiology at the Czechoslovak Academy of Sciences [original-language version not given] in Prague, Czechoslovakia, and Institute for Microbiology and Experimental Therapy at the German Academy of Sciences (Institut fur Mikrobiologie und Experimentelle Therapie der Deutschen Akademie der Wissenschaften) in Jena, German Democratic Republic.

"Electron-Microscopic Investigations on the Effects of Surface-Active Substances on Bacterium Cell Sheaths. Part 1: Experiments with the Cell Walls of Proteus Vulgaris and Proteus Mirabilis"

"Berlin, Zeitschrift fur Allgemeine Mikrobiologie, Vol 6, No 5, 1966, pp 367-378.

Abstract: The effects of sodium lauryl sulfate, sodium desoxycholate, Septonex (α-carbethoxypentadecyltrimethylammonium bromide), and various proteolytic enzymes (trypsin, pepsin, lipase, and pancreatin) on the cell walls of Proteus vulgaris and Proteus mirabilis were investigated electron-microscopically. Twelve photomicrographs were presented and discussed. A model for the characterization of the submicroscopic structure of the cell walls of gram-negative bacteria was developed. 29 references, including 8 German, 2 Czechoslovak, and 19 Western. (Manuscript received 15 Feb 1966).

1/1

CZERWINSKA, St., mgr; GUMULCZYNSKI, J., mgr

Drafting of washer recipe for the boring of productive deposits in various statically differentiated geological strata. Nafta Pol 17 no.9:Suppl:Biul Inst naft 11 no.3:6 '61.

GUMULCZYNSKI, J.

"Lime drilling mud." Biuletyn. p. 11. (NAFTA, Vol. 9, no. 11, Nov 53, Krakow)

SO: Monthly List of East European Accessions, Vol 3 No 6 Library of Congress Jun 54 Uncl

CUMULCZYNSKI, J.

POL

3113 622.245.144

Cumulczynski J. Lime-Base Drilling Muds.

"Płuczki wapienne". Nafta, No. 6, 1954, pp. 129—131.

Muds as used in oil well drilling practice are required to possess low filtrability and viscosity, resistance to the electrolytes and to the effect of strata drilled through. Lime-base mud fulfils all these conditions. It is, essentially, a loam to which caustic soda, such diluents as quebracho, and lime and starch have been added. The author deals with the properties of lime-base muds and recommends a method for preparing them. He also deals with the properties of drilling muds produced on an industrial scale. Advantages likely to accrue to the petroleum industry from the use of lime-base muds: increased drilling performance, ability to drill through anhydrite, limestone, gypsum, intumescent silt and corky cement deposits. Moreover, lime-base mud is not susceptible to gasification, it can, in numerous instances, be loaded with silt instead of with barite, the walls of borehole remain impervious, and no difficulties are encountered, after oil has been struck, in taking up production.

2

OIL

1985 622.24h.14

Gumulczyński J., Gierlaszyńska S. **Special Drilling Muds for Rotary Drilling.**

„Płuczki specjalne do wiercenia obrotowego". (Prace Inst. Nafty, No. 37), Stalinogród, 1955, Wydawn. Górn.-Hutn., 11 pp., 6 tabs.

Properties and methods of preparation of lime, salt-and-starch-, naphthenic-, emulsion- and oil-base drilling muds. Laboratory and field experiments, 37 inferences and suggestions as to the use in full scale drilling of the drilling muds described

GUMULEZYNSKI J.

3909 622.243.144 : 552.533

Gierłoszyńska S., Gumulczyński J. **Testing the Value of Silts for Preparing Drilling Muds.**

„Badanie iłów jako surowca wyjściowego do sporządzania płuczki wiertniczej". Nafta. No. 4, 1955, pp. 82–86, 2 tabs.

The great variety of drilling fluids prepared from different kinds of silts makes it very difficult to define the relative properties. In view of this situation, various kinds of silts were tested to ascertain which of them will, after special conditioning, serve as a suitable cheap material for preparing drilling muds. From many varieties tested the silts from Ch and T proved satisfactory. The properties of these silts and the manner of conditioning them are described in this article. Conclusions: the silts from Ch named „Bentonite I" and Bentonite II" are suitable for preparing drilling muds only after working; the variety from Ch named „Bentonite Silt" is a very effective material both in the natural state and after drying, for preparing drilling muds; the silts from T have good properties in the natural state, and after working compare favourably with silts imported from abroad.

6P

(1)

GUMULCZYNSKI, J.

191. Oil-based muds. J. Gumulczynski. *Bull. Polish Inst. Petrol.*, 1955, 5, 5 (suppl. to *Nafta (Kraków)*, 1955, 11).—This water-in-oil emulsion is stabilized with calcium naphthenate and asphalt. Composition and method of making it are given. Sensitivity to crude oil, subterranean water, and clays is not critical.

M. S.

GUMULCZYNSKY, J.

4433 622.243.14.004 [illegible]

Gumulczynski, J. Drilling Muds Adapted to Difficult Drilling Conditions.

[illegible]
Nafta [illegible]

A description is given of three kinds of drilling muds adapted to such difficult drilling conditions as e.g. in loose rocks, beds of limestone, marls, anhydrite and gypsum and layers of swelling shales. When drilling through layers of gypsum or anhydrite, the rapid coagulation of mud makes further progress in some cases impossible. It has been found that muds contaminated with gypsum or anhydrite can be reactivated by adding barium carbonate in suitable proportions, and that improved results are obtained if this agent is added in advance to prevent contamination. Another mud highly suitable for difficult geological conditions is lime mud, which can be used in almost all kinds of layers. To counteract the increased filtration of lime drilling mud in the course of drilling operations, hydrolyzed starch is added. In beds of, for instance, common salt with clay or shale intercalations, a salt-starch mud is very useful; this is prepared of clay, hydrolyzed starch and pulverized common salt. This mud is characterized by low filtration and viscosity as well as low thixotropic properties, and may prove valuable for improving the drilling of wells.

GUMULEZYNSKI, J.

2

190. Examination of clays as the raw material for drilling mud. J. Gumulczynski and S. Gieszczynska. Nafta (Krakow) 1955, 11, 82-6.—In the laboratory of the Polish IP work [illegible] done on the clays available in Poland, and results of [illegible] ingredients, with various additions, are given in tabular form. M. S.

LFM

GUMULCZYNSKI, T

1606. Special drilling muds for rotary drilling. [illegible] and S. Giedlaszynski. *Prace Instytutu Naftowego*, 1948, Series A, No. 37, 1–12.—This work concerns itself with the preparation of muds based on lime, salt, and torch, sodium salts of naphthenic acids, emulsion of oil in water, and "oil"—or rather water-in-oil emulsion. Each mud is subjected to lab tests with chemicals likely to be encountered in the field, and emulsions are listed. M. S.

GUMULCZYNSKI, J.

1867. Feed for drilling mud feeding works. J. Gumulczynski. Bull. Polish Inst. Petrol., 1960, 6, 6 (Suppl. Nafta (Krakow), 1960, 12).—Treated mud comes as powder from Hungary, but Polish mud from Chmielnik is quite suitable. According to the work done at the Polish IP this mud will disperse with alkalies. Other work was done on the effect of drying, milling, additives, temp, and reconstitution of this mud.

M. S.

POLAND/Chemical Technology - Chemical Products and Their Application. Ceramics. Glass. Binders. Concrete. H-13

Abs Jour : Ref Zhur - Khimiya, No 8, 1958, 25838

Author : Gumulczynski Jozef, Gierlaszynska Stanislawa

Inst : Petroleum Institute.

Title : Technology of Processing of Clays for the Petroleum Industry at a Special Plant.

Orig Pub : Prace Inst. naftow., 1957, A, No 48, 2-7.

Abstract : A study has been made of Chmielnic clays and the technology has been worked out for their processing to a suspension and dry powders for use in the petroleum industry.

Card 1/1

GUMULCZNSKI, J.

TECHNOLOGY

PERIODICAL: NAFTA, Vol. 12, no. 11, Nov. 1958.

GUMULCZYNSKIM J. Drilling mud fpr turbodrills. Biuletyn. p. 11.
Index to v. 14, 1958.

Monthly List of East European Accessions (EEAI) LC Vol. 8, no. 4,
April 1959, Unclass.

GUMULCZYNSKI, J.; GRALSZYNSKA, S.

The influence of drilling mud on crude-oil deposits. p. 151

WIADOMOSCI NAFTOWE (Stowarzyszenie Naukowo-Techniczne Inzynierow i Techników Przemyslu Naftowego i Związku Zawodowego Górników Naftowców)
Krosno, Poland
Vol. 5, no. 7/8, July/ August 1959

Monthly list of East European Accession Index (EEAI), LC Vol. 8, No. 11
November 1959
Uncl.

GUMULCZYNSKI, J.; GIERLASZYNSKA, S.

Loams as a raw material for drilling muds. p. 266.

NAFTA. (Instytut Naftowy) Krakow, Poland, Vol. 15, No. 10, Oct. 1959.

Monthly list of East European Accession (EEAI) LC., Vol 9, No. 1, Jan. 1960

Uncl.

GUMULCZNYSKI, J.; GIERLASZYNSKA, S.

Well cementing in salt deposits. p. 302

NAFTA (Instytut Naftowy) Krakow, Poland, Vol. 15, no. 11, Nov. 1959

Monthly list of East European Accession (EEAI) LC., Vol. 9, No. 1, Jan 1960

Unc.l

GUMULCZYNSKI, J.; GIERLASZYNSKA, S.

The causes of drilling mud leakages and ways of preventing it. p. 3.

Katowice, Poland (City) Instytut Naftowy. PRACE. Katowice
No. 61, 1959.

Monthly list of East European Accessions Index, (EEAI), LC, Vol. 8, no. 6,
June 1959
uncla.

GUMULCZYNSKI, Jozef

What type of scrubbing machines have been used for boring the deepest boreholes in the world. Wiad naft 7 no.6:124-127 Je '61.

(Boring)

GUMULCZYNSKI, Jozef, mgr; CZERMINSKA, Stanislawa, mgr

Directives for retarding the time of the setting of Polish-made cement (up to 100° C). Nafta Pol 17 no.10:275-281 O '61.

1. Instytut Naftowy, Warszawa.

GUMULCZYNSKI, Jozef, mgr.; CZERWINSKA, Stanislawa, mgr.

Directions for the production of drilling cement. Nafta Pol 17 no.19:338-343 '61.

1. Instytut Naftowy, Krakow.

CZERWINSKA, Stanislawa, mgr; GUMULCZYNSKI, Jozef, mgr

Influence of drilling mud on the productive deposits of Carpathian Flysch. Nafta Pol 18 no.11:300-302 N '62.

1. Instytut Naftowy, Krakow.

CZERWINSKA, Stanislawa, mgr; GUMULCZYNSKI, Jozef, mgr

Influence of drilling mud upon the productive deposits of the Carpathian Flysch. Nafta Pol 18 no.12:327-331 D '62.

1. Instytut Naftowy, Krakow.

GUMULCZYNSKI, Jozef, mgr.; CZERWIŃSKA, Stanisława, mgr.

Prescriptions for the preparation of cement slurry for cementing wells up to 4500 m.deep. Prace inst naft no.80:1-11 '63

GUMULCZYNSKI, Jozef

Cements for the cementing of boreholes. Wiad naft 9 no.1:2-4 Ja '63.

GUMULCZYNSKI, Jozef

Chemical treatment of cements. Wiad naft 11 [i.e.9] no.2:27-29 F '63.

GUMULCZYNSKI, Jozef

Chemical treatment of cements. Wiad naft 11 [i.e.9] no.3:53-55 Mr '63.

GUMULCZYNSKI, Jozef, mgr.; CZERWINSKA, Stanislawa, mgr.

Drilling fluids for depths down to 4 500 m. Prace inst naft no.79:1-11 '63.

GUMULCZYNSKI, Jozef, mgr; CZERWINSKA, St., mgr

Recipes for cement slurries for oil well cementing of depths down to 4,500 m. Nafta 19 no.8:182-186 Ag '63.

1. Instytut Naftowy, Krakow.

[illegible]

Fluids for drilling to a depth of 4,500 m, and less. Nafta
Pol 20 no.3:67-69 Mr '64.

1. Instytut Naftowy, Krakow.

GUMULCZYNSKI, Jozef, mgr; CZERWINSKA, Stanislawa, mgr

Drilling fluids for depths up to 4,500 m. Nafta 20 no. 4:95-97 Ap '64.

1. Petroleum Institute, Krakow.

GUMULKA, Jadwiga, mgr

Geochemistry of the surface waters of the region of salt heaves and tectonic disturbances. Nafta Pol 20 no.3:Suppl.: Biul inst naft 14 no.1/2:1-3 '64.

BC

1ST AND 2ND ORDERS

PROCESSES AND PROPERTIES INDEX

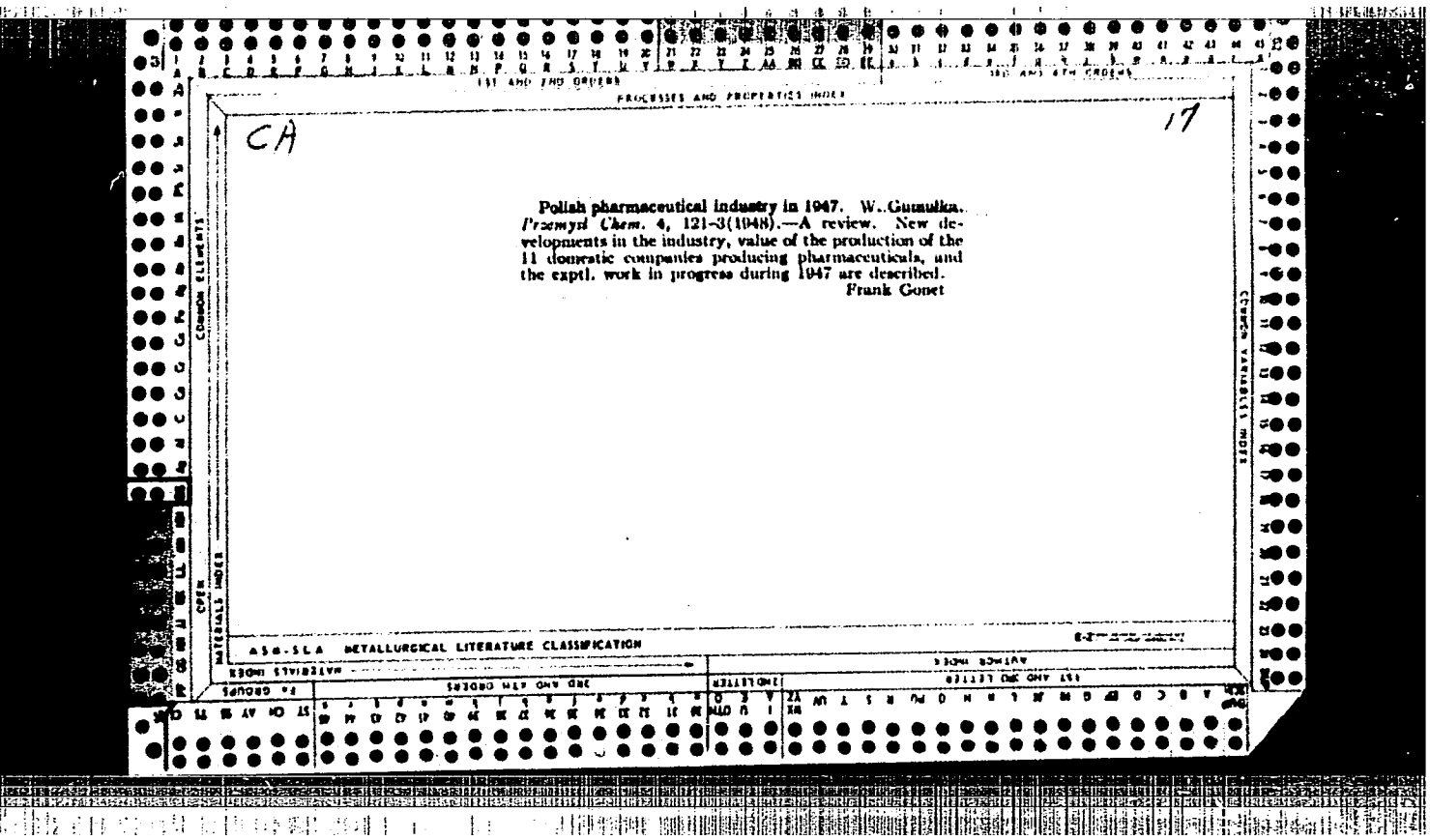
A-3

Preparation and reactions of [illegible] quinolines. K. Dziewoński, [illegible], and J. Moszew with (in part) L. [illegible], J. [illegible], [illegible], H. [illegible], and M. [illegible] (Bull. Acad. Polonaise, 1937, A, [illegible]).—$CS(NH \cdot C_6H_4 \cdot OMe\text{-}p)_2$ (I) and $COPhMe$ at [illegible] give 4-p-anisidino-[illegible]-methoxy-2-phenylquinoline, m.p. 204·5° (hydrochloride, m.p. 234° (decomp.); [illegible], m.p. 224° (decomp.); compound with [illegible], m.p. 270° (decomp.); *NO*-, m.p. 213° ([illegible]), and *Ac* derivative, m.p. 163°), reduced by Na-$C_5H_{11} \cdot OH$ to the 1:2:3:4-H_4-derivative, m.p. 160°, and converted by KOH–EtOH at [illegible] or slowly by HI–AcOH into 4-[illegible]-phenylquinoline, m.p. 212°, and by KOH alone at 240—260° into 4-hydroxy-6-methoxy-2-phenylquinoline, $+2H_2O$, m.p. 163° (decomp.), and anhyd., m.p. 293°. $COPhMe$ and $CS(NH \cdot C_6H_4 \cdot OEt\text{-}p)_2$ at [illegible]—270° give 4-p-phenetidino-6-ethoxy-2-phenylquinoline, m.p. 155—156° (hydrochloride, m.p. 245·5° (decomp.)); picrate, m.p. 227·5°; methiodide, m.p. [illegible]—[illegible] 1 H_2O at 100°/0·05 mm.; the K_2 salt with Me_2SO_4–MeOH affords the Me_2 ester, m.p. 61—62° (*picrate*, m.p. 186°). J. L. D.

New cases of reversible migration of acyl from oxygen to nitrogen. Synthesis of 3-methylisoquinolines. E. Vinkler and V. Bruckner (J. pr. Chem., 1936, [ii], 151, 17—24).—β-Nitro-α-3:4-dimethoxyphenylpropyl alcohol and the acyl halide in C_5H_5N give the oily *benzoate*, *anisate*, *veratrate*, and *phenylacetate*. If these esters are reduced electrolytically and the products pptd. from aq. acid by Na_2CO_3, the acyl wanders from the O to the N; thus are obtained β-benz-, -anis-, -veratr-, and -phenylacet-amido-α-3:4-dimethoxyphenylpropyl alcohol (I). With PCl_5–$POCl_3$ in hot xylene (I) gives 6:7-dimethoxy-1-benzyl-3-methylisoquinoline, but this method of synthesis is not economical. R. S. C.

Syntheses in the 2-phenylquinoline series. III. Interaction of ethyl 2-phenylquinoline-4-carboxylate and Grignard's reagents. K. Feist, W. Awe, M. Kuklinski, and W. Völksen (Arch. Pharm., [illegible]

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION



CA 17

Polish pharmaceutical industry in 1947. W. Gumulka. *Przemysł Chem.* 4, 121–3(1948).—A review. New developments in the industry, value of the production of the 11 domestic companies producing pharmaceuticals, and the exptl. work in progress during 1947 are described.
Frank Gonet

SOMOLKA, [illegible]

GETTLER, W.; [illegible], K.

"Development of the Polish Pharmaceutical Industry During the First Ten Years of the Polish People's Republic." P. 277. (PRZEMYSL CHEMICZNY, Vol. 10, No. 6, June, 1954, Warszawa, Poland)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 1, Jan. 1955 Uncl.

GUMULKA W. 2

3660 547.857-551.42

Gumulka W. 2-Hydroxy-3-Naphtho-N-Acetylanilide.

„O N-acetyloanilidzie kwasu 2-hydroksy-3-naftoesowego". Przemysł Chemiczny. No. 10, 1954, pp. 510—512.

A method of preparing 2-hydroxy-3-naphtho-N-acetylanilide by passing dry gaseous hydrogen chloride through a dispersion of anilide of 2-hydroxy-3-naphthoic acid in acetic anhydride. The structure of the product synthetised is established and some derivatives obtained referred to.

OH

L 29509-66

ACC NR: AP6019991 SOURCE CODE: CZ/0079/65/007/003/0278/0279

AUTHOR: Kadzielawa, K.; Gumulka, W.

ORG: Department of Pharmacology, Academy of Medicine, Warsaw

TITLE: Influence of new guanidine derivatives on adrenergic nerve endings, ganglionic transmission, and neuromuscular junction [This paper was presented at the 7th Annual Psychopharmacological Meeting, Jesenik, 20-23 January 1965]

SOURCE: Activitas nervosa superior, v. 7, no. 3, 1965, 278-279

TOPIC TAGS: experiment animal, neurophysiology, pharmacology

ABSTRACT: The effect of new guanidine derivatives on adrenergic nerve endings was studied in guinea pigs. Ganglionic transmission was studied oscillographically in the superior cervical ganglion of the cat. All the compounds investigated: 2-guanidinomethyl-1, 4-benzodioxane sulfate, N-2,2,6-dichlorophenoxyethylamine-guanidine sulfate, and guanidinoethyl-hexahydrobenzo-D-azocine exerted a transient ganglionic blockade when injected into the carotid artery in doses of 1-5 mg. [Orig. art. in Eng.] [JPRS]

SUB CODE: 06 / SUBM DATE: none

Card 1/1 JS

GUKULYAUSKAS, A.

On regulating hydration of lime.

p. 97 (Lietuvos TSR Mokslu Akademija. Fizikos-technikos institutas. Darbai. Vol. 2, 1956, Viknius, Lithuania)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 2, February 1958

GRIGULYAUSKAS, A.D., Cand Tech Sci -- (diss) " Ways of obtaining highly durable vibro-condensed silicate concrete." Kaunas, 1959. 23 pp with graphs (Kaunas Polytech Inst). 150 copies (KL,37-59, 103)