HENNER, K.; BEJSOVEC, M.; LOUCKA, V.; MASAK, A.; POLACEK, L.; PONCA, E.; SVOBODA, A.; VACEK. M.

Multiple sclerosis in Czechoslovakia. Acta Univ. Carol. [med.] (Praha) 10 no.7:541-548 '64

1. Neurological Department, Faculty of General Medicine, Charles University, Prague (Director: Academician Prof. MUDr.K.Henner, DrSc.).

ACC NR: AF6006745

AUTHOR: Bejsovec, M.; Kase, F.

ORG: Neurological Department, Regional Hospital, Usti (Neurologicke oddeleni krajske nemocnice); Regional Transfusion Station, Usti (Krajska transfuzni stanice)

TITIE: Paresis of the femoral nerve in primary thrombocythemia

SOURCE: Ceskoslovenska neurologie, no. 4, 1965, 313-315

TOFIC TAGS: nervous system disease, blood disease

ABSTRACT: Author describes a patient Who, although otherwise healthy, suffered for 5 years with a high degree of bleeding.

Clinical investigation revealed a primary hemorrhagic thrombocythemia; it appears that the neurological complications were due to bleeding into the area of the femoral nerve. The disease is rather rare. [JFRS]

SUB CODE: 06 / SUEM DATE: 16Feb65 / ORIG REF: 003 / OTH REF: 008

ACCESSION NR: AT5009471	2/0000/64/000/000/0248/0253
AUTHORY: Kals, F.: Rejsovec, V.	; Mares, J. Tregbal, Z., Marek, M.,
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TITLE: Source or polarized rons	for cyclotron
COMPUTE CONFIDENCE - TO LOW TONGER	rature Physics and Techniques. (1)
TOPIC TAGS: particle accelerato	r, ion polarization, hydrogen atom
reaction	
	a source of polarized ions now being erimental possibilities of the cy-
	Institute of the Czechosiovak Acad- he source is shown in Fig. 1 of the
Cord 1/4	

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ACCESSION NR: AT5009471

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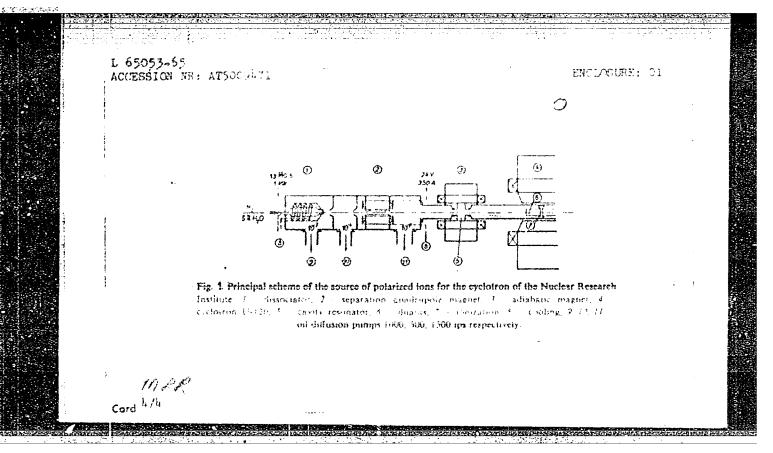
enclosure. The high-frequency method described earlier by M. K. Craddork (Base) Conference, 1950) is used for the dissociation. Approximately less polarization of protons an approximately best polarization of deuterons is possible. Optimum yields of 4 x 10½ if ms per sear line distanable at a press refull of approximately for the distanable at a press refull of approximately of a conference of the search of the approximately of the by means of an inverse magnetron, an experimental model of and was built and tested in the laboration, which is the returned of ionizing the atomary ray is not yet finished. The inverse magnetic was described by Garreta et al. (No. 1) Inst. Methods of the conference of the conf

ASSOCIATION: Nuclear Research Institute, Czechoslovak Academy of Solectors Rez.

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Cord 2/4

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ACCESSION NR: AP4039555

z/0038/64/000/005/0164/0168

AUTHOR: Bejsovec, Vaclav (Beyshovets, V.)

TITLE: Production of elemental hydrogen in electrical discharge

SOURCE: Jaderna energie, no. 5, 1964, 164-168 . .

TOPIC TAGS: hydrogen, elemental hydrogen, elemental hydrogen production, electrical discharge hydrogen production, atomic energy, hydrogen atmosphere electrical discharge, polarized particle, polarized particle source, dissociator, polarized particle dissociator

ABSTRACT: The article summarizes the basic physical theoretical and experimental data concerning the production of elemental hydrogen in an electrical discharge in a hydrogen atmosphere. Some of the dissociators used for polarized particles are described. These include a dissociator with capacitive coupling, one with inductive coupling, and a dissociator with arc discharge. The maximum escape of the elemental hydrogen in these dissociators is limited by the pumping rate of the diffusion pumps and by the method of transferring the atoms from the dissociation some to the evacuated space. The escape part of the dissociator (multipassage or

Card' [1/2_

ACCESSION NR: AP4039555 Laval nozzle) must be made out of a material with a low coefficient of surface recombination. The intensities of the elemental beams escaping from the dissociator lie within the limits 10¹⁹ to 10²¹ atoms/sec-cm². Higher values can be attained only by raising the pressure in the dissociator, or by the use of a Laval nozzle and heavy-duty pump. A dissociator of this type developed by J. O. Cobine and D. A. Wilbur (Fourn. Appl. Phys. 22, 1951, 835) in which a high dissociation is obtained under atmospheric pressure, shows some very good prospect. Original article has: 6 figures, 4 tables and 2 equations. ASSOCIATION: Ustav jaderneho vyskumu CSAV Res (Institute of Muclear Research) SUBMITTED: 00 DATE ACQ: 12Jun64 ENCL: 00 SUB CODE: NP,GG NO REF SOV: 000 OTHER: 025

HUNGARY/General Problems of Pathology - Experimental Therapy.

U-3

Ref Zhur - Biol., No 16, 1958, 75480 Abs Jour

: Gati, Eva; Inke, G.; Bejtai, A.; Gyarfas, J. Author

: Hungarian Academy of Sciences. Inst

: Cytologic Changes in Cells of Ascitic Carcinorm of Title

Ehrlich, Particularily of Nuclei and Nucleoli, Under the

Influence of Nitrous Derivative of Yperite.

: Acta morphol. Acad. Sci. hung., 1957, 7, No 3, 343-350 Orig Pub i de sign gan de però, sombos

: Three-month-old mice were inoculated intraperitoneally Abstract with 1 million of cells of an ascitic carcinoma of Ehrlich.

Degenerative changes of tumor cells were studied in smears and sections taken from separate portions of ascites, obtained through tapping of mice before and after introduction of DL₅₀ preparations of methyl-bis-(\$\beta\$-chloroethyl)amine at a dosage of 2 \delta/\end{a}, triethylenemelamine) (TEN)

Card 1/2

- 10 -

BEJU, D.

New palynological data on the Paleozoic in the Moesian Platform. Petrol si gaze 15 no.9:165-468 S 164.

1. Enterprise of Geologic Laboratories, Ministry of the Petroleum and Chemical Industry.

VENKATACHALA, B. S.; BEJU, D.

Presence of the Devonian in the foundations of the Calarasi zone. Petrol ai gaze 12 no.11:494-495 N. 61.

1. Institutul de Paleobotanica Birbal Sahni, Lucknow, India (for Venkatachala) 2. Intreprinderea de Laboratoare Geologice, Buduresti (for Beju).

(Rumania-Goology, Stratigraphic)

VENKATACHALA, B.S.; BEJU, D.

About the presence of carboniferous formation in the foundation of the Galareti zone. Petrol si gaze 13 no.4:145-151 Ap . 62.

1. Institutul de paleobotanica Birbal Sahni, Lucknow, India (for Venkatachala). 2. Intreprindrea de laboratoare geologice, Bucuresti (for Beju).

BEJU, D.; DANET, N.

The Silurian Chitinozoans from the Moldavian Platform and the Moesian Platform. Petrol si gaze 13 no.12:527-536 D '62.

1. Intreprinderea de laboratoare geologice, Ministerul Industriei Petrolului si Chimiei.

COSTACHEL, O.; POPP, I.; TEITEL, S.; REJU, D.; ANGHEL, E.

The effect of the administration of lymph-node and epithelial homogenates on the metastasis of some experimental tumors. Stud. cercet. endocr. 14 no.4/5/6:571-577 163.

BEJVL, J.

"Automatic control of steam turbines."

AUTOMATISACE, Praha, Czechoslovakia, Vol. 2, no. 5, May 1959

Honthly List of East European Accessions Index (EEAI), IC, Vol. 8, No. 8, August 1959

Unclassified

BEJVL, K.

"Machine tools and their electric equipment at this year's Basel Fair." p. 791.

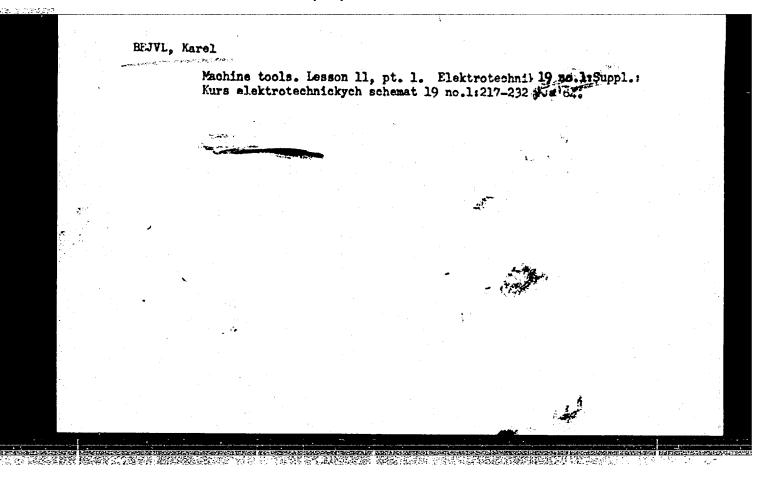
STROJIRENSTVI. (MINISTERSTVO TEZKEHO STROJIRENSTVI, MINISTERSTVO PRESNEHO STROJIRENSTVI A MINISTERSTVO AUTOMOBILOVEHO PRUMYSLU A ZEMEDELSKYCH STROJU.) Praha, Czechoslovakia, Vol. 5, no. 10, Oct. 1955.

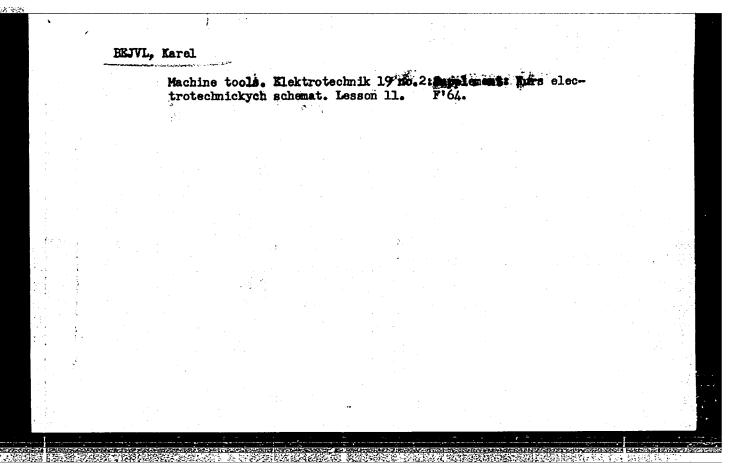
Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 9, September 1959.

BEJVI, K.

Electric equipment of machine tools at the Olympia 56 Exhibition. p. 94. (Elektrotechnik, Vol. 12, no. 3, March 1957. Praha, Czechoslovakia)

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



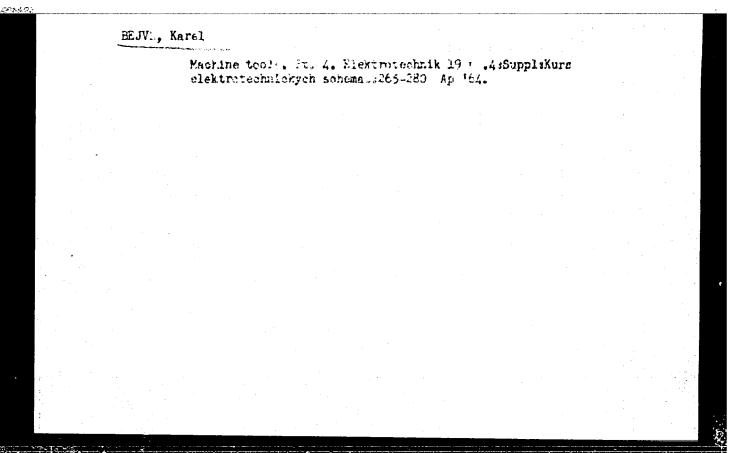


BEJVL, Karel

Machine tools. Pt. 3. Elektrotechnik 19 no. 3: Supplement: Kurs elektrotechnickych schemat 249-264 Mr 164.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204210006-6"

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UZEUNUSLUVAKIA

BALOUN, Jan; BEJSOVCOVA, Ludmila; MESSERSCHMIDTOVA, Alzbeta; Chair of Plant Physiology, Faculty of Natural Sciences, Comenius University (Katedra Fyziologie Rastlin Prirodovedeckej Fakulty University Komenskeho), Bratislava.

"Some Factors Influencing the Accuracy of the Determination of Tannins in Vegetable Materials by Biological Methods."

Bratislava, Biologia, Vol 21, No 7, 1966, pp 522 - 528

Abstract: The only materials of phenolic nature that normally accompany tannins in vegetable materials and coagulate human erythrocytes are pyrogallol and pyrocatechol. The conglutination effect of these substances is much lower than that of tannin, so that their presence does not interfere with the determination of gallotannins in vegetable materials. The readiness of erythrocytes to react with tannins decreases with the period of their storage in refrigerators. Erythrocyte suspensions used analytically should be less than 1 day old. 7 Tables, 4 Western, 5 Czech, 1 Folish reference. (Manuscript received 20 Nov 65).

1/1

- 6 -

L 0'1,02-67 ACC NR: AP6032831 (A) SOURCE CODE: CZ/0078/66/000/007/0018/0018

AUTHOR: Bek, Edvard (Engineer; Prague)

ORG: none

TITLE: Seismologic instrument for recording and signalling seismic pulses.

CZ-Pat. No. PV 4161-65

SOURCE: Vynalezy, no. 7, 1966, 18

TOPIC TAGS: seismologic instrument, if amplifier

ABSTRACT: Equipment for recording and signalling seismic impulses in the acoustic frequency between 10 and 6000 cycles is described. A circuit connected to the pulse source indicates changes in input voltage. The circuit contains an electromagnetic sensing unit connected in series with a low-frequency class-B amplifier, a milliammeter and the d-c source. A loudspeaker may also be included. The low-frequency class-B amplifier, the amplitude multiplier, and the timing relay attached to the battery are connected in series to the input pulse source.

SUB CODE:, 0: 08, 14/ SUBM DATE: 28Jun65/

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-06096-67 ACC NR: AP6017899 SOURCE CODE: CZ/0078/65/000/012/0017/0017 INVENTOR: Bek, Eduard (Engineer; Prague); Charbula, Karel (Engineer; Prague) ORG: none TITLE: [Device for recording seismic acoustic pulses] CZ Pat. No. PV 4495-64, Class 42 SOURCE: Vynalezy, no. 12, 1965, 17 TOPIC TAGS: recording equipment, recording paper, seismic wave, seismograph, seismologic instrument, seismology ABSTRACT: A method of recording seismoacoustic pulses is described in which elastic vibrations of audio frequencies of from 10 - 6,000c are transformed by an electromagnetic sensing element into electric vibrations which are then amplified. The distinguishing feature of the method is that changes in the input voltage in the pushpull amplifier in which the grid overvoltage is approximately equal to the cutoff overvoltage are converted into changes in the feed direct current which are recorded by the recording device. SUB CODE: 08,09,17/ SUBM DATE: 07Aug64

BEK, Eugenia

Analysis of patients treated at the Postgraduate Education Glinic in 1960. Gruslica 30 no.6:531-537 62.

1. Z Kliniki Ftisjatrii Studium Doskonalenia Lekarzy (SDL) w AM i se Sspitala im. dr A. Sokolowskiege w Lodsi Kierownik: prof. dr med. M. Zierski.

(LUNG DISEASES) (TUBERCULOSIS, PO (STATISTICS) (DIABETES MELLITUS) (TUBERCULOSIS, PULMONARY)

(CARCINOMA, BRONCHOGENIC) (PNEUMONIA) (PEPTIC ULCER) (BRONCHIECTASIS) (PN (BRONCHIECTASIS) (PNEUMOTHOREA)

(LUNG ABSCESS) (CARDIOVASCULAR DISEASES)

ZIKRSKI, Marian, BEK, Eugenia; SIWINSKA, Irena; WOZNIAK, Stefania

One-year results of antibacterial therapy of recently discovered cavernous pulmonary tuberculosis. Gruzlica 32 no.2:97-105 F*64

1. Z Katedry i Kliniki Ftizjatrii Studium Doskonalenia Lekarzy AM w Lodzi; Kierownik: prof.dr.med. M.Zierski.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204210006-6"

ZIERSKI, Marian; BEK, Eugenia; STACHLEWSKA, Stanislawa; WANAT-KONDRATOWICZ, Wladyslawa; WOZNIAK, Stefania; ZACHARA, Anna

Evaluation of results of antibacterial therapy of pat'ents with recently diagnosed pulmonary tuberculosis under clinical conditions. Gruzlica 32 no.8:621-625 Ag *64.

1. Z Katedry i Kliniki Ftizjatrii Studii Doksztalcania Lekarzy Akademii Medycznej w Szpitalu im. dr. A. Sokolowskiego w Lodzi (Kierownik: prof. dr. med. M. Zierski).

BEK, Eugenia; ZACHARA, Anna

The effect of chemotherapy on the early bacteriological results in patients discharged from the clinic in 1962-1963. Gruzlica 32 no.11:961-965 N *64

1. Z Katedry i Kliniki Ftizjatrii Studium Doskonalenia lekarzy Akademii Medycznej w Szpitalu im. dr. 3. Sokolowskiego w Iodzi (Kierownik: prof. dr. med. M. Zierski).

. BEK, Engenia; WANAT-KONDRATOWICZ, Wladyslawa; STACHLEWSKA, Stanislawa; ZACHARA, Anna

Evaluation of the results of chemotherapy in the outpatient Clinic for treatment of newly discovered cases of pulmonary tuberculosis in 1959-1962. Gruzlica 32 no.11:981-988 N *64

The effect of correct classical chemothermy on the healing of tuberculous cavities. Thid. 1989-999

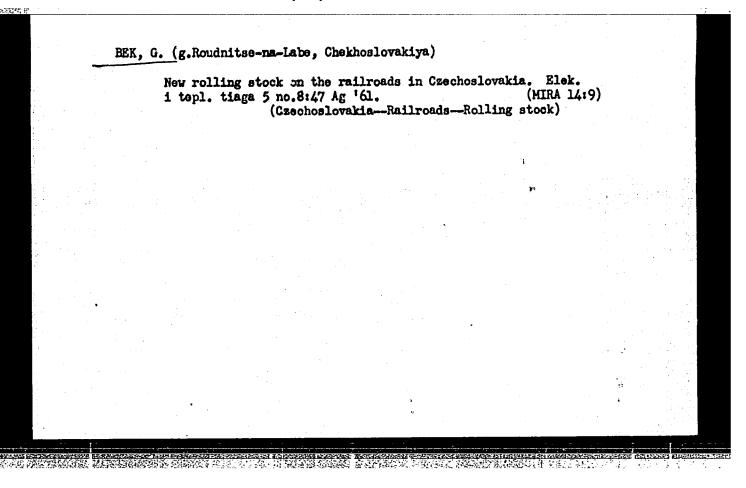
1. Z Katedry i Kliniki Ftizjatrii Studium Doskonalenia Lekarzy Akademii Medycznej w Szpitalu im. dr. A Sokolowskiego w Lodzi (Kierownik: prof. dr. med. M. Zieraki).

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204210006-6"

BEK, Eugenia; PLEBANEK, Wieslava

The treatment of newly discovered pulmonary tuberculosis in patients over 60 years of age. Gruzlica 32 no.11:975-980 N 164

1. Z Katedry i Kliniki Ftizjatrii Studium Doskonalenia Lekarzy Akademii Medycznej w Szpitalu im. dr. 5. Sokolowskiego w Lodzi (Kierownik: prof. dr. med. M. Zierski).



New Czechoslovakian locomotives. Elek. i tiaga 6 no.ll:45
N '62. (Gzechoslovakia--Locomotives)

Mew astronomical instrument (from "Wissen und Leben"). Mauka i shyttia 12 no.2154 F 163. (MIRA 1614) (Television in astronomy) (Telescope)

HUNGARY / Inorganic Chemistry. Complex Compounds.

C

Abs Jour: Ref Zhur-Khimiya, No 21, 1958, 70339.

Author : Bek, Khun.

Inst : Not given.
Title : Certain Specific Points in the Function of Com-

plexing.

Orig Pub: Magyar kem. folyoirat, 1958, 64, No 2, 62 - 65.

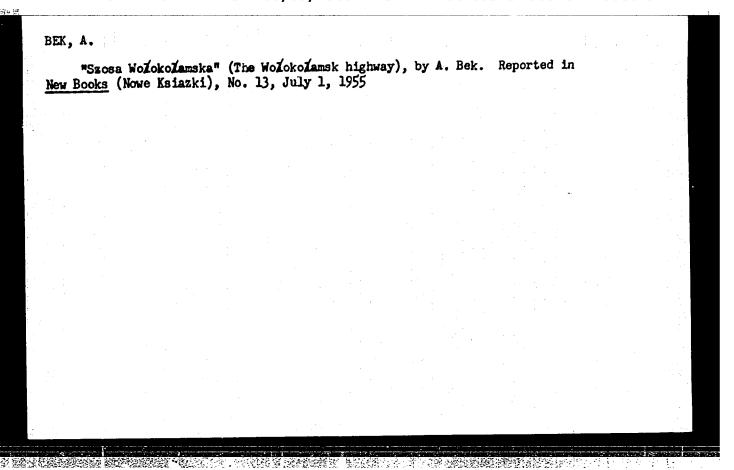
Abstract: The authors point out that the function of form-

ation which is determined according to Bjerrum by the equation $\bar{n} = n - \frac{1}{2}$ has no specific chemical value if \bar{n} is a whole number and corresponds to a maximum concentration of the respect-

ive complex.

Card 1/1

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204210006-6"



AUTEOR:

BEK.A.

PA - 2774

TIPLE

Outstanding Expert of Blast Furnace Technique.

(Wydayushchiysya master domennogo dela, Russian)

Metallurg, 1957, Vol 2, Mr 4, pp 39 - 41 (U.S.S.R.)

Received: 5 / 1957

Reviewed: 6 / 1957

ABSTRACT:

PERIODICAL:

M.K.KURAKO was born in 1812 of noble descent and fled from his parental home at the age of fifteen and began to work at a metallurgical plant in yekaterinoslav. He gained experience-at various plants which sprang up in the south just at that time. In a plant near Mariupol he became acquainted with furnace equipment of the American type as a furnace foreman. KURAKO soon made a name for himself by his ability of removing blast-furnace sow, and other defects. At the Borsig-plant in Kramatorskaya he was offered the post of manager of the blast furnace department. He accepted on the condition that extra profite should be used for the re-equipment of the furmace. After experiments extending over several years he created a charging apparatus "system KURAKO" and soon achieved excellent results by its application. Later, however, he experienced reverses. Together with his devoted collaborators, he was always able to cope with arising difficulties, senetimes even by staking his life. After several years of interruption caused by arrest and exile in Northern Russia in connection with the revolution of 1905 KURAKO returned to the south this time as manager of the blast furnace department in Yusovka. His

Card 1/2

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204210006-6"

Outstanding Expert of Blast Furnace Technique.

PA - 2774

department was known under the nickname "KURAKIN's Academy". Students of all universities fought for a chance to do practical work under him. KURAKO kept pace with modern developments and watched technical progress in the whole world. Among other things he had a vast collection of technical drawings of old blast furnaces, long ago out of action of all countries, the only one of its kind in Bussia. KURAKO subscribed to all sorts of foreign scientific periodicals and employed a translator. The translations were copied and distributed among his students. KURAKO approved of a great deal of independence of his subordinates. KURAKO established several metallurgical plants, unfortunately only on paper. A short time before the revolution of 1917 he went to Siberia, where he was to carry out the projecting of the first foundry in the basin of Kusnetsk, but building was never begun because of numerous difficulties. He contracted spotted fever and died in 1950.

ASSOCIATION: Not given PRESENTED N: SUMMITTED:

AVAILABLE: Library of Congress

Card 2/2

BEK, Aleksandr A.; GRIGOR'YEV, Grigoriy A.

[Mikhail Konstantinovich Kurako; biographical sketch] Mikhail
Konstantinovich Kurako; biograficheskii ocherk, Moskva, Gos.
nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii,
1953. 166 p.

(KURA 7:6)

(KURA 7:6)

ZIERSKI, Marian; BEK, Bugenia

Pneumothorax treatment in case of early pulmonary tuberculosis. Gruzlica 24 no.8:679-691 Aug 56.

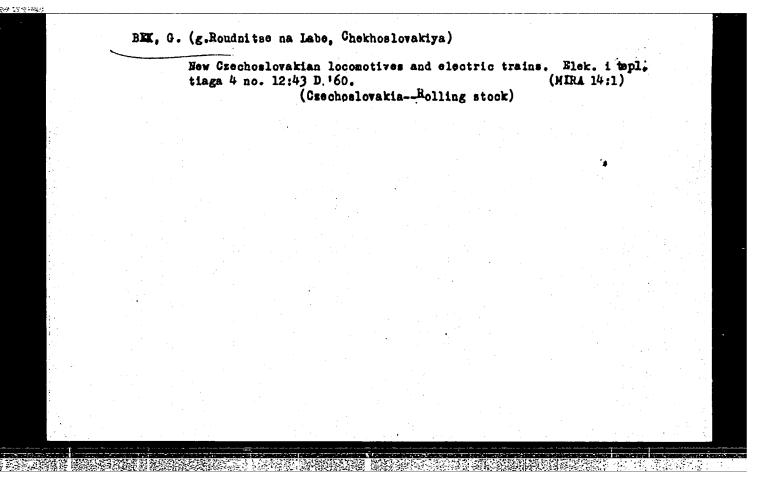
1. Z Poradni Przeciwgrusliczej dla Młodziery Akademickeij i z Kliniki Ftyzjatrycznej Instytutu Doskonalenia i Specjalizacji Eadr Lekarskich w Lodzi. Kierownik: doc. dr. med. M. Zierski. (PNEUMOTHORAX, ARTIFICIAL, statist. in early pulm. tuberc.)

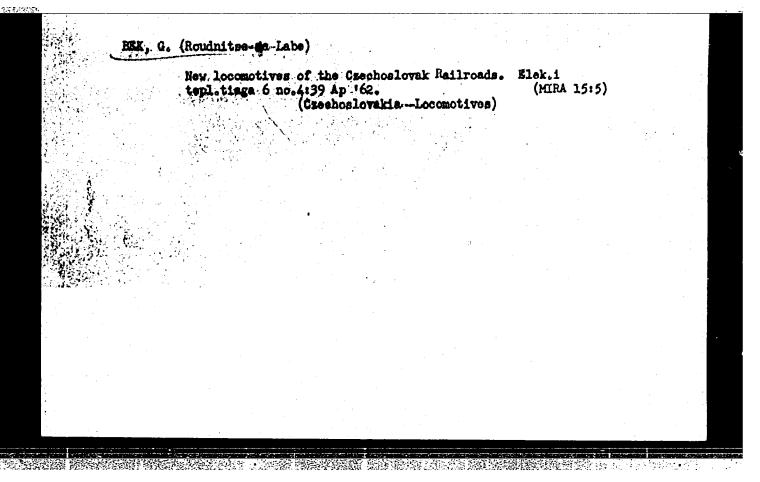
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BEK, E. (Lodz, ul, Kosynierow Gdynskich 20.)

Unusual course of pulmonary carcinoma. Gruzlica 26 no.8:711-714 Aug 58.

1. Z Zakladu Ftysjatrii Instytutu Doskonalenia i Specjalizacji Kadr Lekarskich w Lodzi Kierownik: doc. dr med. M. Zierski. (LUNG MEOPIASMS, case reports umusual case (Pol))

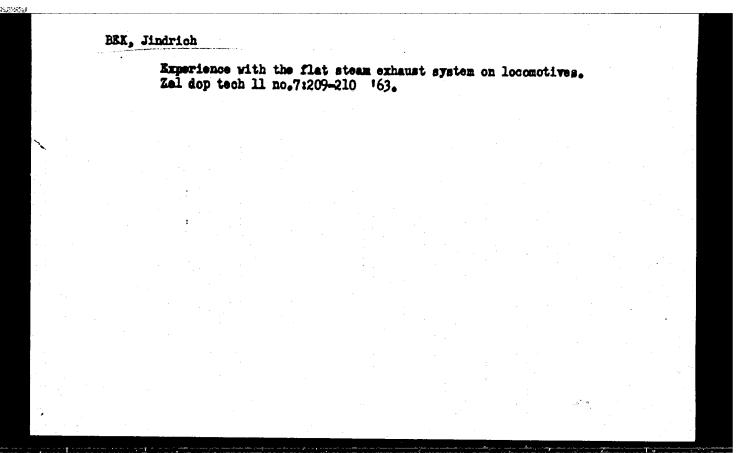




BEK, Jan, mgr., inz.

The indluence of knive-edge curvature on some metrological preperties of balance. Pomiary 8 no.4:170-173 Ap '62

1. Zaklad Metrologii Przemyslowej Politechniki Warszawskiej



BEK, J.

Railroads and progressive mechanization. p. 64. ZYLEZENCAR. (Ministerstvo dopravy) Praha. Vol. 4, No. 3, Mar. 1956.

SOURCE:

East European Accessions List. (EEAL) Library of Congress Vol. 5, No. 12. December 1956.

BEK, J.



The development of steam locomotives. p.197. (Zeleznicar. Praha. Vol. 6, no. 8, Aug. 1956.)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, no. 7, July 1957. Uncl.

BEK, J.

Headlights and whistle. p.81. (Zeleznicar. Praha. No. 3, Mar. 1957.)

SO: Monthly List of East European Accessions (EEAL) IC., Vol. 6, no. 7, July 1957. Uncl.

BEK, J.

"German Democratic Republic and its railroads." p. 158.

ZELEZNICAR. (Ministerstvo dopravy). Praha, Czechoslovakia, No. 6, June 1959.

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

BEK, J.

The Surami Pass. p. 128.

ZELEZNICAR. (Ministerstvo dopravy) Praha, Czechoslovakia, No. 5, May 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 7, July 1959 UNCL

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BEK, Jan, mgr inz.

The Warsaw Polytechnic for the Polish national economy. Pomiary 9 no.2:63-64 F 163.

1. Katedra Metrologii Energetycznej, Politechnika, Warszawa.

K: AMBORGISEL, Jerzy, mgr.inz.; (BA)SEL, T.; BK,J., mgr inz.; MINOSZEJSKI, Jerzy; NODALCYY, Byszard, mgr inz.

Review of publications. Femiary 10 no.8:370-373 J1:64

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POLEZASHCHITNOYE LESORAZVEDENIYE V SSSR (PROTECTIVE AFFORESTATION IN THE USSR) MYUNKHEN, 1957. 117 p. MAP (ISSLEDOVANIYA I MATERIALY, SER. 2 (ROTATO-RMYYE IZD.) NO. 56) AT HEAD OF TITLE: INSTITUT PO IZUCHENIYU ISTORII I KUL'TURY SSSR. SUMMARIES IN ENGLISH, GERMAN AND GRENCH. BIBLIOGRAPHICAL FOOTNOTES.

CHISTOV, A.D.; BAZARNOVA, G.V.; HEK, N.D.; BELIKOVA, V.I.; BLINOVA, M.Ya.; KABANOVA, P.G.; MAKAROVA, M.D.; PRIPISTSOVA, K.D.; SIMONOVA, L.T.; TOLKACHEVA, Ye.M.; TYUNYAYEVA, V.V.; ZINCHENKO, V.S., red.izd-va; PAVLOVSKIY, A.A., tekhn.red.

[Foreign trade of the U.S.S.R. for 1918-1940; statistical survey] Vneshniaia torgovlia SSSR sa 1918-1940 gg.; statisticheskii obzor. Moskva, Vneshtorgizdat, 1960. 1134 p. (MIRA 13:10)

1. Russia (1923- U.S.S.R.) Glavnoye tamozhennoye upravleniye.
2. Otdel statistiki Glavnogo tamozhennogo upravleniya Ministerstva vneshney torgovli SSSR (for all, except Zinchenko, Pavlovskiy).

(Commercial statistics)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204210006-6"

R. Yu. BEK,

USSR/Physical Chemistry - Electrochemistry.

B-12

· 注注为一个心情感为例。

: Referat Zhur - Khimiya, No 6, 25 March 1957, 18704 Abs Jour

Author

: Kudryavtsev, N.T., Bek R.Yu., and Kushevich, I.F.

Inst

Sucheli Prid Cries Rue ag

Title

Zh. fiz. khimii, 1952, 26, No 2. Reasons of Formation of Zinc Sponge Upon Cathodes of Zinc-Containing Electrolytes at Currents of Low Densities

Orig Pub

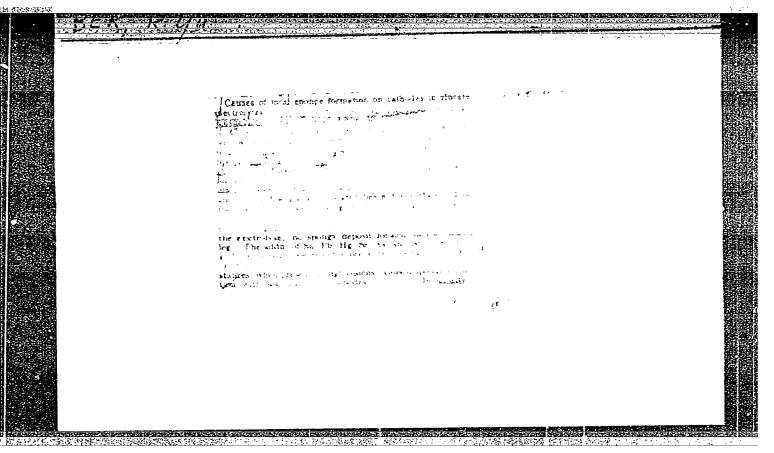
: Tr. Mosk khim-tekhnol. in-ta, 1956, vyp. 22, 137-142

Abstract

The mechanism of Zn-sponge formation on a cathode, at low densities of current, in zinc-containing electrolytes and, in particular, the part played by anodes and ions of nobler metals and oxidizing agents, is investigated. It is shown that when electrolysis is carried on with unsoluble anodes (Pt and Ni) the sponge is formed only at the upper part of cathode near the boundary of the electrolyte with air, and that when electrolysis is carried on with Zn-anode the sponge is formed over the whole surface. When the anode and cathode spaces are

card 1/2

- 310 -



S/153/60/003/005/010/016 B013/B058

AUTHORS:

Bek, R. Yu., Kudryavtsev, N. T.

TITLE:

Effect of Alternating Current in Electrodeposition of Zinc,

Lead, and Tin From Alkaline Electrolytes

PERIODICAL:

Izvestiya vysshikh uchebnykh zavedeniv. Khimiya i khimicheskaya tekhnologiya, 1960, Vol. 3, No. 5, pp. 898-901

TEXT: The effect of superposition of a.c. over d.c. during electrodeposition of zinc, lead, and tin from alkaline electrolytes was studied here. The following electrolytes were used: 1) 0.25 N Zn, 2.5 N NaOH summ without addition; 2) 0.25 N Zn, 2.5 N NaOH summ, 0.5 g/l Sn (calculated per metal); 3) 0.8 N Pb, 4 N NaOH summ, 50 ml/l glycerin; 4) 80 g/l Na2SnO3, 10 g/l NaOH without additions. The temperature of all solutions was 50°C. Zinc and tin were deposited on polished steel, lead on polished brass. The experiments showed that the development of spongy growth on zinc electrolytes may be entirely prevented without additions by Card 1/3

Effect of Alternating Current in Electrodeposition of Zinc, Lead, and Tin From Alkaline Electrolytes S/153/60/003/005/010/016 B013/B058

applying a.c. with a frequency of 20-300 cycles and at a higher current density than that of d.c. A smooth, semibrilliant deposit with characteristic "parquet" structure was ascertained at a current density ratio between a.c. and d.c. $D \sim /D = 2 - 3$, and a frequency of 20-70 cycles. The crystal boundaries become less distinct at D~/D->10. Signs of spongy growth appear at frequencies of 300-500 cycles. The effect of a.c. disappears at an addition of tin (0.5 g/l) or lead (0.06 g/l), and the deposits show fine-crystalline structure. Under otherwise equal conditions, the formation of spongy growth is intensified when a.c. is applied during electrodeposition of tin from stannate solution. Electrodeposition of lead from alkaline electrolyte with glycerin addition is not influenced by applying a.c. It was ascertained that cathodic and anodic polarization is reduced (by 4-5 mv) by the application of a.c., this reduction being intensified at a higher D~/D- ratio and a lower a.c. frequency. It was further ascertained that the application of a.c. with a frequency of 50 cycles at $D\sim/D-=2-10$ does not influence the current yield of metal. It smounts to 99-99.5% just as during electrolysis without application of a.c. K. M. Gorbunova is mentioned. There are 2 figures and 11 Soviet references.

Card 2/3

Effect of Alternating Current in Electro-

s/153/60/003/005/010/016 B013/B058

deposition of Zinc, Lead, and Tin From

Alkaline Electrolytes

ASSOCIATION: Moskovskiy khimiko-tekhnologicheskiy institut im.

D. I. Mendeleyeva, Kafedra elektrokhimii (Moscow Institute

of Chemical Technology imeni D. I. Mendeleyev, Department

of Electrochemistry)

SUBMITTED:

May 6, 1959

Card 3/3

34380

S/539/61/000/032/005/017 D202/D301

5.4700

Kudryavtsev, N.T., Bek, R.Ya. and Tarasevich, M.R.

AUTHORS:

The effect of periodical reversal of current direction

on the concentration polarization

SOURCE:

TITLE:

Moscow. Khimiko-tekhnologicheskiy institut. Trudy, no. 32,

1961. Issledovaniya v oblasti elektrokhimii, 79-84

TEXT: The authors aimed at verification of the opinion of previous vestigators that current reversal has a favorable effect on the speed of electrolysis and properties of the electro deposits. In the authors opinion, current reversal, although it decreases polarization, causes periodically the dissolution of some part of the deposit; therefore, the total deposition rate is lowered. If the ratio of times of switch-on of cathodic and anodic current is $K = \frac{\partial C}{\partial x}$, then the rate of electrolysis would not be determined by the working current density D $_{\mathbf{w}}$, but a value $D_{ef} = D_{w} \cdot \frac{k-1}{k+1}$, (effective current density): The authors compared the Card 1/4

S/539/61/000/032/005/017 D202/D301

The effect of periodical ...

concentration polarization during electrolysis with direct current to that at electrolysis with reversing current, both processes having the same $D_{\rm ef}$. They investigated these processes on silver nitrate solutions: AgNO $_3$ (0.05M) NaNO $_3$ (1 M) at pH = 1 and on equimolecular K_3 Fe(CN) $_6$ and K_4 Fe(CN) solutions on an apparatus permitting 2 to 3000 rev.p.m. with a constant k ratio; the dependence of potential and current intensity was registered by a tape oscillograph. The effect of current reversals in AgNO $_3$ solutions has been studied at $D_w = 0.5 \text{ a/dm}^2$, with k = 6.39 and 16.4 at 30° and 50° C. $D_{\rm ef}$ for k = 6.39 was 0.36 a/dm and for k = 6.4 0.44 a/dm During electrolysis with direct current = 0.5 a/dm at 2° 0.44 a/dm During electrolysis with direct current density ef 0.36 a/dm the deposit was compact. At 50° C it was compact in both cases. When reversible current was applied (k = 6.39, temp. 30° C) a sponge was formed on the cathode when less than 10 rev.p.m. were used, but with higher reversal rates, a compact deposit was obtained; at 50° C such a deposit

Card 2/4

S/539/61/000/032/005/017 D202/D301

The effect of periodical ...

was formed in both cases. The same phenomena were observed with k = 16.4. Similar results have been obtained with a mixture of ferrocyanide and ferricyanide ions. It is seen from the obtained oscillographs and corresponding graphs that with increasing reversal rate up to 60 per min., the concentration polarization is decreasing; further increase in alternation having but a very slight effect. At alternation rates up to 60 rev. per min. this polarization has a much larger value than when d.c. is applied, when its density is equal to $D_{\rm ef}$; at an alternation rate

higher than 60 rev./min. the value of concentration polarization approaches that obtained with d.c. In the author's opinion, this may be explained as follows: During the switch-on of anodic current, the ionic concentration on the cathode is increased by a partial dissolution of the metal-lic deposit and by ions diffusing from the bulk of solution; the polarization is lowered, the current density increases, and the loss of deposit is balanced by an increase in the speed of electrolysis. If the current reversal rate is low, after the concentration in the diffusion layer is restored, the ions would tend to diffuse into solution and the

Card 3/4

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The effect of periodical ...

S/539/61/000/032/005/017 D202/D301

polarization would increase. Therefore, the rate of electrolysis may be increased by reversing current only when it alternates very rapidly. The authors conclude that from the point of view of reagent supply to the cathode current reversal cannot be regarded as a means for intensification of electrelytic processes. There are 5 figures and 11 references: 7 Soviet-bloc and 4 non-Soviet-bloc. The references to the English-language publications read as follows: G.W. Jernstedt, Steel, 120, no. 17, 100-102, 134, (1947); A. Hickling and H.P. Rothbaum, Transplanto Metal Finish, 34, 53 (1957).

Card 4/4

S/539/61/000/032/008/017 D258/D301

AUTHOR:

Kudryavtsev, N.T., and Bek, R.Yu.

TITLE:

The influence of alternating current in the electrodeposition of zinc, lead, and tin from alkaline solutions

SOURCE:

Moscow. Khimiko-tekhnologicheskiy institut. T_rudy , no. 32, 1961, Issledovaniya v.oblasti elektrokhimii, 255-258

TEXT: The authors aimed at improving the texture of electrodeposited Zn₅. Pb; and Sn by using alternating current superimposed onto direct current. This was done in view of the known formation of spongy deposits on the cathode occurring during the electrodeposition of Zn from NaOH solution, even when operating at current densities, lower than the limiting value. Even when operating at current densities, lower than the limiting value. Specifically, Zn and Sn were deposited on polished steel cathodes, Pb on polished brass. The current densities (C.D.) used were: 0.2 - 0.5 on polished brass. The current densities (C.D.) used were: 0.2 - 0.5 trolytes had the following compositions: (1) Zn - 0.25N (ZnSO₄.7H₂O);

NaOH (total) - 2.5 N. (2) Zn 0.25N (ZnSO₄.7H₂O) NaOH_{tot.} 2.5N; Sn-0.5g/1 Card 1/3

S/539/61/000/032/008/017 D258/D301

The influence of alternating ...

(3) Pb-0.8N; NaOH_(total)-4N; Glycerol - 50 cm³/1. (4) Na₂SnO₃ - 80 g/1; NaOH (free) -10 g/l. Smooth and semi-lustrous Zn deposits were obtained on operating with an a.c. frequency of 20 to 70 c/s and at ratio, C.D. a.c./C.D.d.c. of 2-3. Deposits obtained in that way from solution (1) showed clearly outlined crystal boundaries; at higher frequencies, the crystalline regularity decreases. Spongy deposits appear at a frequency of 300-500 c/s and the beneficial effect of a.c. vanishes completely at 800-1000 c/s. The addition of Sn (solution no. 2) or Pb had an adverse effect on the quality of deposited Zn. The application of a.c., at 20-300 c/s and C.D. a.c. /C.D. d.c. 7 1 on the deposition of Pb from selution no. 3 had no effect at all, while deposition of Sn from solution no. 4 was adversely affected, under the same conditions. The adverse effect on Sn vanished at frequencies, higher than 300 c/s. The effect of a.c. on cathodic and anodic polarization was investigated in solution no. 2. At 50°C and without stirring, both anodic and cathodic polarizations were decreased by 2-5 mV, on using a C.D. a.c. /C.D. ratio of 5. The higher

Card 2/3

The influence of alternating ...

S/539/61/000/032/008/017 D258/D301

ratio had no effect at all. The current efficiency was almost independent of the type of current used. There are 4 figures and 12 references: 10 Soviet-bloc and 2 none-Soviet-bloc.

Card 3/3

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204210006-6"

Effect of alternating current on the electrodeposition of zinc.

Zhur.prikl.khim. 34 no.9:2013-2020 S '61. (MIRA 14:9)

(Zinc plating) (Electric currents, Alternating)

BEK, R.Yu.; KUDRYAVTSEV, N.T.

Effect of the periodical change of the direction and pulsation of a current on the electrodeposition of zine from zincate solutions. Zhur.prikl.khim. 34 no.9:2020-2027 S '61. (MIRA 14:9) (Zinc plating) (Electric currents)

KUDRYAVISEV, N.T.; BEK, R.Yu.; TARASEVICH, M.R. (Moskva)

Effect of periodic reversal of current on concentration polarization. Zhur. fiz. khim. 35 no.7:1507-1511 Jl '61.

(MIRA 14:7)

1. Khimko-tekhnologicheskiy institut im. D.I.Mendeleyeva.

(Electroplating) (Polarization (Electricity))

KUDRYAVTSEV, N.T.; BEK, R.Yu.; GUREVICH, M.A.

Electrodeposition of silver by alternating current. Zhur.prikl.khim. 35 no.3:553-562 Mr '62. (MIRA 15:4)

(Silver plating)

KUDRYAVISEV, R.T. : HEK, A.Yu.

Effect of the union of Ton the cathodic process of silver electrodeposition from symmide electrolytes when superposing the alternating over the direct current. Zhur.prikl.khim.

35 no.5:1030-1035 My 161. (Nitrates)

1.1700

11550 8/076/62/036/010/003/00 B101/B186

AUTHORS:

Bek, R. Yuv, Gamburg, Yu. D., and Kudryavtsev, N. T.

TITLE:

Electrodeposition of bright copper with superposition of

a-c on d-c

PERIODICAL: Zhurnal fizicheskoy khimii, v. 36, no. 10, 1962, 2244-2245

TEXT: The effect of a nickel sublayer on the brightness of electrodeposited copper was studied. A bright nickel sublayer was obtained from an electrolyte containing 170 g/l NiSO₄·7H₂O₇ 30 g/l H₃BO₃, 12 g/l KCl, and 6 g/l naphthaline disulfonic acid with a pH of 4 - 6, at a current density given by V. V. Ostroumov and I. F. Plokhotnikova (Zh. prikl. khimii, 1520, 1668, 1958). However, copper deposited on it from an electrolyte containing 200 g/l CuSO₄·5H₂O and 100 g/l H₂SO₄ stayed matt even when quinaldine or coumarone had been added to the nickel electrolyte. Polishing of the sublayer was also ineffective. Increase in the current density to 13 - 17 ma/cm² at 18°C and to 21 ma/cm² at 25°C caused the 'Card 1/3

Electrodeposition of bright copper with ... S/076/62/036/010/003/005

formation on the nickel of a matt, bluish thin coating of Ni oriented along the (011) axis. At an optimum ratio $D_{a-c}/D_{d-c}=1.10-1.15$, very bright copper deposits with a high reflecting power were obtained on such sublayers with a thickness not less than $7-8~\mu$. Increase of the ratio to more than 1.2, reduced the brightness and a change in the d-c density from 3 to 10 a/dm² had no effect as long as D_{a-c}/D_{d-c} remained unchanged. An X-ray analysis shows that the bright copper plating obtained by a-c superposition is oriented along the (125) axis and its texture could be characterized in individual cases as quasi-microcrystalline, whereas

superposition is oriented along the (125) axis and its texture could be characterized in individual cases as quasi-microcrystalline, whereas copper deposited on a non-oriented Ni sublayer has a texture oriented along the (011) axis. This confirms the assumption of Ostroumov and Plokhotnikova that the sublayer structure has an orienting effect on the crystallization of the first copper layer. The authors, however, assume that the orienting effect depends not on cathode passivation, but on other factors, such as a reduced oversaturation with a-c during electrolysis, toward equilibrium. There are 2 figures.

Card 2/3

S/076/62/036/010/003/005 Electrodeposition of bright copper with...B101/B186

ASSOCIATION: MKhTI im. D. I. Mendeleyeva, Kafedra elektrokhimicheskikh proizvodstv (MKhTI imeni D. I. Mendeleyev, Department of Electrochemical Productions)

February 16, 1962

Card 3/3

BEK, R. YU.

Dissertation defended for the degree of <u>Candidate of Chemical Sciences</u> at the Institute of Physical Chemistry in 1962:

"Investigation of Electrodeposition of Zinc and Silver as an Electrolyte Using Alternating Current."

Vest. Akad. Nauk SSSR. No. 4, Moscow, 1963, pages 119-145

BEK, R.Yu.; GAMBURG, Yu.D.; KUDRYAVTSEV, N.T.

Electrodeposition of bright copper in the case of the superimposition of the alternating over direct current. Zhur.fiz.khim. 36 no.10: 2244-2245 0 '62. (MIRA 17:4)

1. Moskovskiy khimiko-tekhnologicheskiy institut imeni Mendeleyeva, kafedra elektrokhimicheskikh proizvodstv.

BEK, R.Yu.; KUDRYAVTSEV, N.T.; NECHAYEV, Ye.A.

Cathodic polarization in the electrodeposition of silver from ferrocyanide electrolytes. Zhur. fiz. khim. 36 no.11:2506-2508 N'62. (MIRA 17:5)

1. Moskovskiy khimiko-tekhnologicheskiy institut imeni D.I. Mendeleyeva.

BEK, R.Yu.; NECHAYEV, Ye.A.; KUDRYAVTSEV, N.T.

Cathodic electrodeposition of silver. Zhur. fiz. khim. 39 no.3;628-630 (MIRA 18:7)

1. Khimiko-tekhnologicheskiy institut imeri Mendeleyava, Moskva.

GNUSTI	N, N.P.; Prinimal uchastive EK, R.Yu.	
	Valve effect of diffusion for a metal immersed in a solut Zhur. fiz. khim. 39 no.3:780-783 Mr 165.	lon of its lons. (MIRA 18:7)
	1. Khimiko-metallurgicheskiy institut Sibirskogo otdeleni	ya AN SSSR.

NECHAYEV, Ye.A.; BEK, R.Yu.; KUDRYAVTSEV, N.T.

Electrodeposition of silver from complex electrolytes. Part 1: Method of studying the kinetic parameters and capacity of the double electrical layer in the process of silver electrodeposition. Elektrokhimiia 1 no.11:1325-1331 N '65. (MIRA 18:11)

1. Moskovskiy khimiko-tekhnologicheskiy institut imeni Mendeleyeva i Institut fiziko-khimicheskikh osnov pererabotki mineral'nogo syr'ya Sibirskogo otdeleniya AN SSSR.

NECHAYEV, Ye.A.; BEK, R.Yu.; KUDRYAVTSEV, N.T.

Process of silver electrodeposition from complex electrolytes. Part 2: Relation between the structure of the deposit and the capacity of the electric double layer in the electrolytic silver plating from cyanide electrolytes. Elektrokhimiia 1 no.1221443-1448 D 65. (MIRA 19:1)

1. Moskovskiy khimiko-tekhnologicheskiy institut imeni D.I. Mendeleyeva i Institut fiziko-khimicheskikh osnov pererabotki mineral'nogo syr'ya Sibirskogo otdeleniya AN SSSR. Submitted January 25, 1965.

NECHAYEV, Ye.A.; BEK, R.Yu.; KUDRYAVTSEV, N.T.

Some features of the process of silver electrodeposition on platinum. Elektrokhimiia 1 no.12:1458-1461 D '65.

(MIRA 19:1)

1. Moskovskiy khimiko-tekhnologichcskiy institut imeni D.I. Mendeleyeva. Submitted January 25, 1965.

L 2)592-66 ENT(m)/EWP(t) IJP(c) JD/JG ACC NN: AP6012437 (N) SOURCE CODE: UR/0364/65/001/012/14	
AUTHOR: Nechayev, Ye. A.; Bek, R. Yu.; Kudryavtsev, N. T.	25
ORG: Moscow Chemical Engineering Institute imeni D. I. Mendeleyev (Moskovski miko-tekhnologicheskiy institut)	y khi-
TITLE: Some characteristics of the process of electroplating silver on plati	nun
SOURCE: Elektrokhimiya, v. 1, no. 12, 1965, 1458-1461 18 27	27
TOPIC TAGS: silver, platinum, metal plating, electrolysis	
ABSTRACT: The authors study the process of silverplating platinum to determine cause for unsatisfactory quality in silver coatings on this metal and to find tions for producing dense silver films at high current densities. The experimence done in electrolytes with the following composition: Ag-0.25 N, NaCN-0 N, Na CO -0.5 N at $t=25-30^{\circ}$ C and $i=0.1-0.5$ a/dm² without the application termating current, and $i=0.1-1.5$ a/dm² with the application of alternating with a frequency of 50 cps and $i_{\rm ac}/i_{\rm dc}=2.5$. Plating quality was studied under microscope. On the basis of the experimental data, the following plating conducting recommended for producing high quality of leaves the following plating conducting recommended for producing high quality of leaves the following plating conducting recommended for producing high quality of leaves the following plating conducting recommended for producing high quality of leaves the following plating conducting the commendation of the capacity of leaves the following plating conducting the commendation of the capacity of leaves the following plating conducting the capacity of leaves the following plating conducting the capacity of the capacity of leaves the following plating conducting the capacity of the capacity	condi- ments 0.25-1.0 of al- current der a
composition: Ag-0.25 N, NaCN-0.5 N, Na ₂ CO ₃ 0.5 N, $i < 1.5$ a/dm ² $t = 20-25$ 0 Card 1/2	; con-

ACC NR: AF6012437	
ditions for application of alternating current: $i_{\rm ac}/i_{\rm dc} = 10$ -15 in the first ten seconds of electrolysis and $i_{\rm ac} = i_{\rm dc} = 2.0$ -2.5 through the rest of the plating process. Orig. art. has: 3 figures.	
SUB CODE: 31/ SUBM DATE: 25Jan65/ ORIG REF: 002/ OTH REF: 002	
Card 2/2 BK	
Card 2/2 (/)	

BEK, S.

Investigation of rocks and deposits of rocks by use of supersonic waves. p. 112. (Drogownictwo, Vol. 12, No. 5, May 1957, Warsaw, Foland)

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

L 46053-66 EEC(k)-2/EWI(d)/EWI(1)/FCC/FSS-2 OW/W8-2/OD . Letter ACC NR. AT6022344 SOURCE CODE: UR/0000/66/000/000/0044/0052 Til AUTHOR: Bek, S. S. ORG: None TITLE: A method for analyzing dispersion distortions of a short pulse in the ionosphere SOURCE: Vsesoyuznaya nauchnaya sessiya, posvyashchennaya Dnyu radio. 22d, 1966. Sektsiya teorii i tekhniki peredachi diskretnykh signalov. Doklady. Moscow, 1966, TOPIC TAGS: signal analysis, pulse signal, signal distortion, Gaussian distribution, ionospheric radio wave ABSTRACT: A method is proposed for determining the general characteristics of dispersion distortions of a short pulse of any shape based on the mathematical properties of a Gaussian radio pulse and engineering formulas are derived for calculating the dispersion distortions of a short pulse in the ionosphere & Passage of radio pulses with a Gaussian envelope through a channel with quadratic phase characteristics is considered and a comparison of the output voltage with the initial pulse shows a reduction in pulse amplitude by \sqrt{V} and an increase in pulse duration by A, where A is the base of the pulse distorted by dispersion. This comparison also shows linear frequency Cord 1/2

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ACC NR: AT6022344

modulation and the same Gaussian envelope as for the initial pulse. It is pointed out that dispersion distortions may theoretically be completely compensated by using a device with a negative dispersion equal to that of the channel. An expression is given for determining the base of a dispersion-distorted pulse of arbitrary shape and it is shown that the formulas derived in this paper may be used for engineering calculations involving pulse distortions of this type. It is shown that the dispersion factor for the ionospheric channel depends on selection of the working frequency and that dispersion may be reduced by lowering the working frequency with respect to that of the IF modulator. Analysis of the effect of dispersion and ionospheric nonhomogeneities shows that the specific weight of dispersion distortions is greater for short transmissions while the specific weight of distortions due to nonhomogeneities is greater for longer wave trajectories. The author thanks Doctor of Technical Sciences N. T. Petrovich, Candidate of Technical Sciences L. N. Korsunskiy, Candidate of Technical Sciences Ye. F. Kamney, Candidate of Physical and Mathematical Sciences N. M. Beskin and Engineer Yu. P. Minin for useful consultation and criticism. Orig. art. has: 3 figures, 23 formulas.

SUB CODE: 09, 17/ SUBM DATE: 09Apr66/ ORIG REF: 004

Card 2/2 gd

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204210006-6"

BEK, T. V.

"Biological Properties of Bundles of Long-Fiber Flax." Cand Agr Sci, All-Union Inst of Plant Growing, All-Union Order of Lenin Acad Agricultural Sci imeni V. I. Lenin, Leningrad, 1955. (KL, No 8, Feb 55)

SO: Sum. No. 631, 26 Aug 55-Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (14)

BEK, Vladimir, inz.

Epoxy resins in the insulation of electric products. Kemija u industriji 11 no.4:181-188 '62.

1. Direktor sektora sa istrazivanja elektrotehnickog materijala "Rade Kencar", Zagreb.

EEK, Vladimir, imz.; ILIC, Andelko, ins.

Some possibilities of applying melamine molding materials in electric industries. Kemija u industriji 11 no.8:501-505 162.

1. "Rade Koncar", Zagreb (for Bek). 2. "Chromos", Zagreb (for Ilic).

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204210006-6"

KOLAR, J.; JANEC, J.; JANOUSKOVA, M.; BEK, V.

A case of malignant mesenchymal tumors of somatic soft tissues with predominant structure of osteoplastic sarcoma. Acta chir. orthop. traum. cech. 31 no.2:134-138 Ap '64.

1. Radiologicka klinika fakulty vseobecneho lekarstvi KU [Karlova Universita] v Praze (prednosta prof. dr.V.Svab), II. klinika pro ortopedickou a detskou chirurgii fakulty detskeho lekartvi KU [Karlova Universita] v Praze (prednosta prof.dr.O.Hnevkovsky) a II. patologickoanatomicky ustav fakulty vseobecneho lekarstvi KU [Karlova Universita] v Praze (prednosta prof. dr. V.Jedlicka).

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204210006-6"

BMK, Vaclav, Dr

Senile concentric limited osteotrophy of the dome of the skull. Cas.lek.cesk. 91 no.8:242-244 22 Feb 52.

1. Z radiologicke kliniky Karlovy university v Praze. Prednosta: prof. dr. Vaclav Svab.

(CRANIUM, diseases, atrophy, concentric, senile)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204210006-6"

MEI, Vaclay, Dr

Osteopetrosis Albers-Schonbergova. Cas.lek.cesk. 91 no.13:397-400 28 Mar 52.

 Z radiologicke kliniky K.U. Prednosta prof. dr. Vaclav Svab. (OSTHOSCLEROSIS)

BEK, Vaclav (Praha 13, Tr. SEB 89)

Cosmetic results of contact x-irradiation therapy of angioms in children. Cesk. rentg. 13 no.1:31-38 Feb 59.

1. Radiologicka klinika MU v Prase, prednosta prof. dr. V. Svab.

(ANGIOMA, in inf. & child

contact x-ray ther., cosmetic results (Cz))

(RADIOTHERAPY, in various dis.

angiomas in child., technic & cosmetic results (Cz))

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204210006-6"

KOIAR, Jaromir; BEK, Vaclav

Cartilaginous exostoses on bones irradiated during growth. Cesk. rentg. 13 no.3:174-175 June 59.

KOLAR, Jaromi; BEK, Vaclav

Effect of near-focus x-irradiation on the bone during therapy of angiomas in children. Cesk.rentg. 13 no.6:379-388 D '59.

1. Radiologicka klinika KU v Praze, prednosta prof.dr. V. Svab.
(BONE AND BONES radiation eff.)
(ANGIOMATOSIS radiother.)

ZAHN, Karel; BEK, Vaclav

Cataract as a sequel of the irradiation of peri-ocular angiomes by means of close-focus roentgen rays in children. Cesk. ofth. 16 no.2:146-153 Mr '60

1. I. ocni klinika EU v Praze, prednosta prof. dr. E. Dienstbier, radiologicka klinika EU v Praze, prednosta prof. dr. V. Svab.

(EYELIE neopl.) (HEMANGIONA in inf. & child)

(RADIOTHERAPT compl.) (CATARACT etiol.)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204210006-6"

KOLAR, Jaromir: BEK, Vaclav

Less common localizations of hemangiomata of the bones. Ceek. rentg. 14 no.5:333-337 0 160.

 Radiologicka klinika Karlovy university v Praze, prednosta prof. dr. V.Svab.
 (HENANGICMA radiography)

(HEMANGIOMA radiography)
(BONE AND BOMES radiography)