

HOJKOMA, H.

Cast-iron foundry of the Ursus Mechanical Works. p. 25.

(OCHRONA PRACY: BEZPIECZENSTWO I HIGIENA PRACY. Vol. 10, No. 9, Sept. 1956.)
Warszawa, Poland

SO: Monthly List of East European Accessions (EMAL) IC. Vol. 6, No. 10, October 1957. Uncl.

ROJKOWA, M.

Popularizing technical periodicals, p. 92. (OCHRONA PRACY, Warszawa, Vol. 9, no. 3, Mar. 1955.)

SO: Monthly List of East European Accessions, (EEAL), I.C, Vol. 4, No. 6, Jun. 1955, Uncl.

ROJKOWA, Maria

The laureate of the current year award of the capital city
Warsaw. Przegl techn 81 no.7:18-19 '60.

ROJNOV, A.

Visiting the aviator Kizhedub. p. 4.
(ARIFILE PATRIET. Vol. 3. no. 2, Feb. 1957. Fatherland)

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

Page 78

Rojowska, L. ; Lewandowska, B.

New methods of organoleptic and microbiologic research on canned green peas.
p. 106.

PRZEMYSŁ SPOŻYWCZY. (Stowarzyszenie Naukowo-Techniczne Inżynierów i Techników
Przemysłu Spożywczego) Warszawa, Poland. Vol. 13, no. 1/3, 1959.

Monthly list of East European Accessions (EEAI) LC, Vol. ⁹no. 2, Feb. 19~~69~~.

Uncl.

ROJONSKI, H.

TECHNOLOGY

periodicals: BULGARIAN PRESSIONS Vol. 7, no. 6, June 1958

ROJONSKI, H. Some remarks on the new thermal electric-power station
in Creil, France. p. 5

Monthly List of East European Accessions (ELAI) LC Vol. 8, no. 5,
May 1959, Unclass.

ROJOWSKI M.

Rojowski M., Eng. "The Realization of the East-West Thoroughfare." (Realizacja Trasy W-Z). Inzynieria i Budownictwo, No. 6, 1949, pp. 348-352, 6 figs.

The amount of work executed. Preparation of documentation. Division of the East-West Thoroughfare building organization into nine work sectors. Description of work done by the individual sectors and their inter-connection. Checking of the drop of the escarpment around the St. Anne's Church, material supply, work mechanization, transport organization. Labour emulation. Number of employees, cultural and educational activity. The execution of the East-West Thoroughfare is a proof that full application of socialistic organization in public works gives excellent results. This article is a valuable contribution on this subject.

SO: Polish Technical Abstracts - No. 2, 1951

ROJOWSKI, M.

"Searching for economic standards in planning the supporting construction of the main building of an electric-power station."

p. 1 (Budownictwo Przemyslowe) Vol. 6, no. 11, Nov. 1957
Warsaw, Poland

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

ROJORSKI, M.

Tasks of the Central Board for Electric-Power Plant Construction in the
5-Year Plan. p.4.
BUDOWNICTWO PRZEMYSŁOWE (Ministerstwo Budownictwa Przemysłowego) Warszawa
Vol. 5, no. 1, Jan. 1956

So. East European Accessions List

Vol. 5, No. 9

September 1956

PTA

9

1258

003.45

Rojowski, M. The First Polish Precast Compound Concrete-Steel-Ceramic Structural Elements.

"Pierwsze polskie realizacje prefabrykowanych konstrukcji zespolonych beton-stal-ceramika". Przegląd Budowlany. No. 2, 1951. pp. 53-62, 16 figs.

Experiments with steel-concrete-ceramic test arches; constituent elements — hollow bricks, reinforcement, concrete. Arrangement of ceramic beams. Tie rods. Shape of arch and load. Measurement of deformations during the individual load phases and comparison with theoretical computations. Conclusions drawn from observations indicate the absolute serviceability of the arches. Sequence of operations in erecting an arch with a 24 m span: execution of concrete-steel-ceramic beams. Rigid and loose parts of movable scaffolding to serve a length of 12 m along the axis of the arch. Arrangement and reinforcement of ceramic beams. Concreting. Adjustment and tensioning of tie rods. Expansion joints.

11, J.

How to state the output of the machine and productive capacity of the workshop, plant, enterprise, and sector. p. 210. *TEKNIKA*. (Ministerstvo lehkého průmyslu) Praha. Vol. 9, no. 7, July 1954.

SPENCER: West European Acquisitions List, Vol. 5, no. 9, September 1956

ROJSZYK, Stanislaw; LICHODZIEJEWSKI, Cezary

Multiplying in a multichannel PPM-AM radiotelemetric system. Archiw
automat 7 no.3/4:679-688 '62.

1. Instytut Lotnictwa, Warszawa.

P/301/62/007/003/010/013
D201/D308

9.8300
9.3276

AUTHORS: Rojszyk, Stanisław and Lichodziejewski, Cezary
TITLE: Multiplexing in a multi-channel radiotelemetering
PPM-AM system
PERIODICAL: Archiwum Automatyki i Telemekhaniki, v. 7, no. 3-4,
679-687

TEXT: The authors consider the possibility of applying various types of commutators to a 32-channel PPM-AM radiotelemetering transmitter and discuss trends in their improvement and modernization. Several solutions of multiplexing are discussed which are considered optimal from the point of view of economy, simplicity, reliability and their effect upon the system as a whole. From all possible versions of commutator arrangements only those are considered which can be realized with components available in Poland. Two types are shown to be preferable: systems in which the automatic calibration loop extends over the whole switching arrangement and, in the case of a single common modulator, systems in which the loop

Card 1/2

Multiplexing in a multi-channel ... P/031/62/007/003/010/013
D201/D303

extends over the modulator only. There are 5 figures.

ASSOCIATION: Instytut Lotnictwa (Aviation Institute)

Card 2/2

11/3 7

"Electrochemical Polarization of Metal Electrodes. II. Polarization of the Zinc Electrode. W. A. Röpfer, E. S. Polujan, and W. A. Jansz. *Physicochim. U.S.S.R.*, 1939, **10**, (6), 845-858; *Chem. Zentr.*, 1940, **111**, (16, 989). [In German.] The polarization of monocrystalline zinc was investigated oscillographically. The experimental oscillograms agree well with the results of the theoretical equation, taking into consideration the retardation of the discharge and the ionization processes. The magnitude as well as the activity of the surface changes with the polarization of the monocrystalline zinc. The velocity of the ionization and discharge processes of the electrode in equilibrium with the solution was found to be $\sim 10^{12}$ grm./cm.² sec.

1943

L 10336-66 EWT(1)/EWA(1)/EWA(b)-2 RO/JK

ACC NR: AP6003344

SOURCE CODE: HU/0018/65/017/002/0153/0159

AUTHOR: Szabados, Terez--Sabadosh, T.; Boszormenyi, Jozsef--Besermeni, Y;
Dobias, Gyorgy--Dobiash, D.; Rojti, Mihaly--Royti, M.; P. Juhasz, Vera--P. Yukhas, V.

ORG: HUMAN Institute of Vaccine Production and Research, Budapest (HUMAN
Oltoanyagtermelo es Kutato Intezet); PHYLAXIA State Institute of Vaccine Production,
Budapest (PHYLAXIA Allami Oltoanyagtermelo Intezet)

TITLE: Changes in the antitoxin titer of animals used for serum production in the
course of iodocasein feeding

SOURCE: Kiserletes Orvostudomány, v. 17, no. 2, 1965, 153-159

TOPIC TAGS: experiment animal, biochemistry, veterinary medicine, animal physiology,
immunization, immunology

ABSTRACT: The changes in the antitoxin titer were studied in animals the metabolism
of which has been increased by iodocasein feeding. Among horses immunized with
diphtheria and tetanus toxin and sheep immunized with staphylo toxin, the antitoxin
level of the groups fed on iodocasein was significantly higher than that of the
controls. No noticeable difference was observed in cattle immunized with tetanus
toxin. Orig. art. has: 1 figure and 5 tables. [JPRS]

SUB CODE: 06 / SUBM DATE: 16Apr64 / ORIG REF: 003 / OTH REF: 002

Cord 1/1

ROJZEN, I. S.

Prace laboratoryjne z zakresu bhp i techniki przeciwpozarowej
(Laboratory works in the domain of work safety and hygiene and anti-fire
technique), by I. S. Rojzen. Reported in New Books, (Nowe Książki), No.
6, March 15, 1956.

1

A new type of sieve for sifting pyrites. M. V. Mark.
J. Chem. Ind. (U. S. S. R.) 16, No. 12, 45(1939).—The
sieve consists of bars with narrow slits between them.
H. M. Leckester

160-51A METALLURGICAL LITERATURE CLASSIFICATION

GLUZMAN, L.D.; TSIN, R.M.; ROK, A.A.

Production of 2-vinylpyridine. Koks i khim. no.11:48-51 '61.
(MIRA 15:1)

1. Ukrainskiy uglekhimicheskiy institut.
(Pyridine)

Examination by the use of machine tools. p. 68.

PRZEMISŁOWY WNIOSKI. (Stowarzyszenie Inżynierów i Techników Mechaników
Polskich) Warszawa, Poland. Vol. 18, no. 19/20, Oct. 1959.

Monthly List of East European Acquisitions (MLAE) LC, Vol. 9, no. 2, Feb. 1959.
Uncl.

MELCZER, Miklos, dr.; HAMAR, Matild, dr.; KISS, Gyula, dr.; ROKA, Edit, dr.

Data on the pathogenesis of lupus erythematosus. Orv. hetil. 103 no.13:
581-584 1 Ap '62.

1. Pecsí Orvostudományi Egyetem, Borgyógyászati Klinika.

(LUPUS ERYTHEMATOSUS etiol)

MELCZER, Miklos, dr.; HAMAR, Matild, dr.; KISS, Gyula, dr.; ROKA, Edit, dr.

Data on regional, chronic and vegetating pyodermas. Borgegy. vener.
szemle 38 no.5:194-198 0 '62.

1. A Peccsi Orvostudományi Egyetem Borgegyaszati Klinikájának (igazgató:
Melczer Miklos dr., egyetemi tanár) közleménye.
(PYODERMA)

HUNGARY

ALLER, Maria, M.D., CSEPLAK, Gyorgy, M.D., KISS, Gyula, M.D., FLECH, Agota, M.D., JOKA, Edith, M.D., and SZADVARI, Maria, M.D., of the Complex Brigade at the Medical University (Orvostudományi Egyetem Komplexbrigádja) in Pecs. (Director: BENKO, Gyorgy, M.D.,).

"Clinical Findings of the Screening Tests on the Workers in the Production Collectives in Jaras Sellye - Dermatological"

Budapest, Orvosi Hetilap, Vol 104, No 19, 12 May 1963, pp. 873-875.

Abstract: Two thousand and sixteen of a total of 3896 individuals examined showed some kind of dermatological finding, although not all of these required medical treatment. The most frequent complaints included fungal diseases, pyoderma, seborrhea, eczema, precarc. carcinoma, allergenic effects, and changes due to advanced age. The dermatological condition of the Gipsy population showed a significant improvement, attributed to the Government's program providing permanent settlement facilities for the tribe. Only five instances of scabies were encountered; there was no evidence of pediculosis. One reference to a Hungarian publication.

1/1

ROKA, Gedeon

Life conditions on the moon. Elovilag 4 no.4:11-13 O-D '59.

1. Tudományos Ismeretterjesztő Társulat csillagászati szakosztályának titkára.

ROKA, Gedeon

Foreign astronomers in Hungary. Konzerv paprika no.5:527 S-0'63

ROKA, Gedoon

On the agenda: gravitation. Elet tud 18 no.21:643-646
26 My '63.

ROKA, Gedeon

Possibility of life in the solar system. Term tud kozl
4 no. 11: 498-500 N '60.

1. Secretary, National Executive Committee, Astronomical
Divisions of the Society for Dissemination of Scientific
Knowledge, Budapest.

ROKA, Gedeon

What is the origin of stars? Elet tud 18 no.26:808-810 30 Je '63.

ROKA, Gedeon

What do we know and what do we not know about Mars? Elet tud
17 no.48:1527-1530 2 D '62.

ROKA, Gyula

Remarks about and completions to the article "Gross and net character of the indexes of agricultural production expressed in values." Stat szemle 37 no.4:413-419 Ap '59.

ROKA, Gedeon

Venus: the first target in planet research. Elet tud 16
no.8:245-247 19 F '61.

ROKA, Gyula, Dr.; BERKOVITS, Laszlo, Dr.

A case of giant epiphrenal esophageal diverticulum. Orv. hetil. 99 no.18:
612-613 4 May 58.

1. A Debreceni Orvostudományi Egyetem II. sz. Belklinikája (igazgató:
Petrányi Gyula dr. egyet. tanár) Röntgenlaboratóriumának (vezető: Roka
Gyula dr.) közleménye.

(ESOPHAGUS, diverticula

giant epiphrenal, diag., case report (Hun))

ROKA, Gyula, dr.; HOLCZINGER, Laszlo, dr.

Retroperitoneal neurinoma causing perforation of the stomach.
Orv. hetil. 46 no.30: 837-839 24 July 55.

1. A Debreceni Orvostudományi Egyetem II. sz- Belklinikája
(igazgató: Petranyi Gyula dr. egyet. tanár) Röntgenlaboratóriumának
(vezető: Roka Gyula dr.) és Kóronctani Intézetének (igazgató:
Kellner Béla dr. egyet. tanár) közleménye.

(STOMACH, perforation

caused by neurilemmoma retroperitoneal)

(NEURILEMMOMA

retroperitoneal, causing perf. of stomach)

(PERITONEUM, neoplasms

retroperitoneal, causing perf. of stomach)

ROKA, Gyula, dr.; BERKOVITS, Laszlo, dr.

Two cases of stomach volvulus. Magy. radiol. 8 no.2:
110-112 May 56.

1. Debreceni Orvostudományi Egyetem II. sz. Belklinika
(igazgató: Petranyi, Gyula, dr. egyetemi tanár) röntgenlaboratoriumának
(vezető: Roka, Gyula, dr.) közleménye.
(STOMACH, dis.
volvulus, x-ray diag. (Hun))

ROKA, Gyula, dr., es ifj.; GAIZLER, Gyula, dr.

Tomography of intervertebral foramina; I. Cervical vertebrae.
Orv. hetil. 97 no.14:383-385 1 Apr 56.

1. A Debreceni Orvostudományi Egyetem II. sz. Belklinika
(igazgató: Petranyi, Gyula dr. egyet. tanár) Röntgenintézetének
(vezető: Roka, Gyula dr.) és a Hajdu Bihar Megyei Tanács
Rendelőintézet (vezető-főorvos: Szerényi, Lenke dr.) Röntgen
Laboratóriumának (főorvos: Imre, Gábor dr.) közleménye.

(SPINE, radiography

tomography of cervical intervertebral foramina (Hun))

(ROENTGENOGRAPHY

same)

~~ROKA, Gyula, dr.; GAIZLER, Gyula, Jr., dr., ifj.~~

Improvement in the results of cholangiography with biligraffin,
by means of compression methods. *Magy. radiol.* 7 no.4:246-248
Oct 55.

1. Debreceni Orvostudományi Egyetem II. sz. Belklinika
(Igazgató: Petranyi, Gyula dr. egyetemi tanár) Röntgen-
laboratóriumnak (vezető: Roka, Gyula dr.) közleménye.

(BILIARY TRACT, radiography
cholangiography, intravenous, with sodium iodipamide,
improved method with compression of hypochondrium.)

ROKA, Gyula, Dr.

Tomographic examination of the intervertebral foramina of the vertebrae.
II. Thoracic vertebrae. Orv. hetil. 99 no. 47:1644-1646 23 Nov 58.

1. Az Orszagos Koranyi Tbc. Intezet (igazgato: Boszormenyi Miklos dr. kandidatus, tudomanyos igazgato: Foldes Istvan dr. kandidatus) rontgen laboratoriumnak kozlemenye.

(SPINE, radiography

thoracic intervertebral foramina, tomography (Hun))

ROKA, Gyula, Dr.

Arthrosis of sesamoid bone as cause of pain in sole of foot. Orv. hetil. 99 no.51:1800-1801 21 Dec 58.

1. Az Orszagos Koranyi Tbc. Intezet (igazgato: Boszormenyi Miklos candidatus) rontgenlaboratoriumanak kozlemenye.

(FOOT, dis.

pain in sole of foot caused by arthrosis of sesamoid bones, x-ray diag. (Hun))

(SESAMOID BONES, dis.

arthrosis causing pain in sole of foot, x-ray diag. (Hun))

GOMBKOTO Bela dr.: ROKA, Gyula, dr.

APPROVED FOR RELEASE: Tuesday, August 01, 2000

CIA-RDP86-00513R0014

Unusual case of developmental anomaly of the pancreas and bile ducts. Orv. hetil. 96 no.20:553-555 15 May 55.

1. A Debreceni Orvostudományi Egyetem I. sz. Sebészeti Klinikájának (igazgató: Loessl, János dr. Egyet. tanár) és a II. sz. Belklinika (igazgató: Petranyi, Gyula dr. Egyet. tanár) Röntgenlaboratóriumának (vezető: Roka, Gyula dr.) közleménye.

(PANCREAS, abnormalities,

agenesia, with aberrant bile ducts.)

(BILE DUCTS, abnormalities

aberrant duct with agenesia of pancreas.)

(ABNORMALITIES,

aberrant bile duct with agenesia of pancreas.)

ROKA, G.

KOSA, Arpad, dr.; ROKA, Gyula, dr.; SZADON, Bela, dr.

Cases of calcification of annulus fibrosus. Orv. hetil. 95 no.39:
1077-1079 26 Sept 54.

1. A Debreceni Orvostudományi Egyetem II. sz. Belklinikájának
(igazgató: Petranyi Gyula dr. egyet. tanár), Röntgen Laboratóriumának
(vezető: Roka Gyula dr.) Igazságügyi Orvostani Intézetének (igazgató:
Okros Sándor dr. egyet. tanár) és a Hajdu-Bihar Megyei Tanács
Rendelőintézte Röntgenlaboratóriumának (főorvos: Imre Gábor dr)
közleménye.

(CALCIFICATION

annulus fibrosus cordis)

(HEART

annulus fibrosus calcification)

ROKA, G.

"Friedrich Engels' Dialectics of Nature; a book review." p. 359
"The General Assembly of the Hungarian Academy of Sciences in 1953." p. 363 (Természet
Es Technika, Vol 112, No 6 June 1959 Budapest, Hungary)

"APPROVED FOR RELEASE: Tuesday, August 01, 2000

CIA-RDP86-00513R001445

ROKA, G.

"Enquiry about Academician Smidt's cosmogony theory." p. 175
(TERMESZESZES TECHNICA, Vol. 112, no. 3, Mar. 1953, Budapest.)

SO: Monthly List of East European Accessions, Vol. 2, #8, Library of
Congress, Aug. 1953, Uncl.

[illegible]

JFH

CA

Abolition of pyloric spasm by orally administered procaine solutions. G. Róka and L. G. Lajtha (Univ. Budapest). *Brit. Med. J.* 1950, 1, 1174-6. Opening of the pyloric valve in humans was not affected by passage of 20 ml. of 0.1 N HCl or NaHCO₃ into the stomach. Subcutaneous injection of 1 mg. adrenaline always resulted, after 10-30 min., in the valve opening without difficulty, but never caused normal closure or pyloric spasm. Atropine 0.5 g. intravenously had no effect on the normal pylorus, but caused opening of the spastic pylorus. Papaverine up to 0.2-0.3 g. intramuscularly had very little effect on the normal pylorus, but usually opened the spastic pylorus. Oral administration of 100 ml. of 1% procaine soln. over 4-5 min. always opened spastic pylorus and kept it open for several hrs.
Marshall E. Deutsch

C.A. 11H

Extracts of mucous membranes of stomach and small
intestines in the treatment of ulcer. István Frenreisz and
Gyula Róka (Tudományegyetemi I. sz. Belklinika, Buda-
pest): *Orvosi Lapja* 4, 712-13 (1948).-- Fifteen cc. of gas-
tric juice is added to 100 g. fresh meat and kept at room
temp. for 6 hrs. The active substances are extd. by known

methods and then applied both perorally and by injections to
20 persons suffering from gastric and duodenal ulcers and
gastritis. Eleven persons were fully healed, 7 showed defi-
nite amelioration, and 2 were unimproved. I. P.

VECSEY, Jozsef, dr.; ROKA, Gyula, dr.

A case of spontaneous esophageal rupture with spontaneous recovery.
Orv. hetil. 102 no.40:1894-1895 1 0 '61.

1. Orszagos "Koranyi" Tbo. Intezet.

(ESOPHAGUS wds & inj)

ENTZ, Albert, dr.; MARK, Jolan, dr.; ROKA, Gyula, dr.

Is there a prediagnosis factor in pulmonary tuberculosis and peptic ulcer? Tuberkulozis 13 no. 4: 123-126 Ap '60.

1. Az Országos "Koranyi" Tbc Intezet (igazgató: Boszormenyi, Miklos, dr. kandidatus; tudományos vezető: Foldes, Istvan, dr. kandidatus) közleménye.

(TUBERCULOSIS PULMONARY compl.)
(PEPTIC ULCER compl.)

ROKA, Gyula, dr.; MAGY, Edith, dr.

Report of a case of osteopolkilosis. Magy.sebeszet 13 no.5:
324-327 0 '59.

1. Orszagos Koranyi TBC. Intezet (Igazgato: Dr. Boszormenyi
Miklos) Rontgen-laboratoriuma (Foorvos: Dr. Roka Gyula) es a
Sztalinvarosi Korbaz (Igazgato: Dr. Grossmann Sandor) kozlemenye.
(BONE DISEASES case reports)

ROKA, Gyula, dr.; NAGY, Edit, dr.

On a case of generalized osteochondromatosis. Magyar.sebeszet 13
no.5:305-308 O '60.

1. Országos Koranyi TBC Intezet (Igazgato: Boszormenyi Miklos
dr. candidatus, tudomanyos igazgato: Foldes Istvan dr. candidatus)
rontgenlaboratoriumanak es sztalinvarosi korhas (Igazgato:
Grossmann Sandor dr.) rontgenlaboratoriumanak kozlemenye.
(CHONDROMA case reports)

NYIREDY, G.; KOVACS, M.; HUNYADI, G.; ROKA, J.

Experiences in the treatment of tuberculous empyema with isonicotinic acid hydrazide. Orv. hetil. 93 no. 45:1284-1285 9 Nov 1952. (CLML 24:1)

1. Doctor for Nyiredy, Kovacs, and Hunyadi. 2. Clinic for Pulmonary Diseases (Director — Prof. Dr. Ferenc Kovats), Budapest Medical University.

ROKA, Otto; PREDMERSZKY, Tibor, dr.

Radiation hygiene tests in the section of minerals of a museum.
Munkavedelem 9 no.4/6:53-55 '63.

1. Orszagos Munkaegeszsegugyi Intezet.

ROKA, Fal

Marginal notes on a decade. Erdo 13 no.10:486 O '64.

ROKA, Pal; FOLDESI, Erno (Gyor); RIEPERGER, Laszlo; SEY, Dezso
'Gyor); BALAZS, Jozsef (Debrecen); GROSZ, Istvan (Szekesfehervar);
DANI, Janos (Szeged); BODOGH, Istvan; DALOCSA, Gabor, dr.;
LAZAR, Laszlo; BAKOS, Karoly, fomernok (Budapest); FABIAN,
Laszlo, nyugdijas mernok; SZEP, Jozsef

Report on the Executive Committee session of the Scientific
Association of the Wood Industry in Gyor. Faipar 14 no.6:
161-163 Je '64.

1. President, Scientific Association of the Wood Industry
(for Roka).
2. Deputy Head, Wood industry Research Institute (for Dalocsa).
3. Head, Committee on Education, Scientific Association of
the Wood Industry (for Lazar).

ROKA, P.

3d National Congress of the Wood Industry; opening address of the chairman.
p. 141. Report by Comrade Laszlo Somogyi, secretary general. p. 144.
Remarks on the discussions of the Congress by Comrade Janos Brutyo, Chairman of
the Union of Workers of the Building and Wood Industries. p. 153. FAIPAR.
(Faipari Tudamanyos Egyesulet) Budapest. Vol. 5, no. 6, June 1955.

SOURCE: East European Accessions List (EEAL), Library of Congress
Vol. 5, no. 6, June 1956

RCKA, I.

RCKA, I. Less sawdust, more sawed timber needed. p. 287. Vol. 4, no. 9, Sept. 1954.
FAIFAR. Budapest, Hungary.

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4--April 1957

ROKA, P.

"Improving the Welfare of the Working People", P. 193, (FAIPAR, Vol. 4, No. 7, July 1954, Budapest, Hungary)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12, Dec. 1954, Uncl.

ROKA, Pal

An exchange-of-experience visit to the Rumanian People's Republic. Faipar 11 no.1:23-27 Ja '60.

1. "Faipar" foszerkesztoje.

ROKA, Pal

National executive session of the Scientific Association of the
Wood Industry. Faipar 12 no.5:129-137 My'62

1. Faipari Tudományos Egyesület; "Faipar" főszerkesztője.

ROKA, Pal

Let us increase our labor productivity. Faipar 12 no.3:65-66
Mr '62.

1. "Faipar" foszerkesztoje.

ROKA, Pal

Hungarian wood industry in 1963. Faipar 13 no.1:2-3 Ja '63.

1. "Faipar" foszerkesztoje.

ROKA, Pal

On the 15th birthday of our liberty. Falpar 10 no.4:97-99 Ap
'60.

1. "Falpar" foszerkesztoje.

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4 FAIPAR WOOD INDUSTRY Vol. 1-1951 No. 1, Jan. P. Roka. Quality production for the strengthen- ing of our national economy 18 - 19																																																			
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ROKACH, I.A., inzhener (g. Ashkhabad)

New developments in machining motor journal axles for diesel
locomotive pairs of wheels. Elek. i tepl. tiaga no.2:33 7 '57.
(MLRA 10:5)
(Diesel locomotives)

ROKACH, V.S., inzh.

Concrete deformations in bent reinforced concrete elements.
Bet. 1 zhel. - bet. 9 no. 3:130-135 Mr '63.

(MIRA 16:4)

(Precast concrete - Testing)

ROKACH, Z.S.

Conditions for the extraction of narcotine by organic solvents depending on the pH medium. Farmatsev, zhur. 19 no.6:48-51 '62. (MIRA 13:4)

1. Kafedra sudebnoy i analiticheskoy khimii L'vovskogo meditsinskogo instituta (zaveduyushchiy kafedroy - prof. V.P.Kramarenko).

KRAMARENKO, V.P.; ROKACH, Z.S.

Comparative evaluation of methods for quantitative determination of alkaloids in extracts from biological material. ~~Farmatsev~~. zhur. 16 no.1:26-32 '61. (MIRA 17:8)

1. Kafedra sudebnoy i analiticheskoy khimii L'vovskogo meditsinskogo instituta.

ROKACHEV, S.A.

New data on sulfide clasticlike separates in the ore-covering layer of the Sibayevo deposit in the Urals. Dokl. AN SSSR 162 no.5:1138-1141 Je '65. (MIRA 18:7)

1. Institut geologii Ural'skogo filiala AN SSSR. Submitted February 10, 1965.

15397
S/190/63/005/002/008/024
B101/B102

15.800

AUTHORS:

Volokhina, A. V., Kudryavtsev, G. I., Mikhaylov, N. V.,
Rokachevskaya, O. P.

TITLE:

Study of ring copolymerization. I. Copolymerization of
 α -piperidone with ϵ -caprolactam

PERIODICAL:

Vysokomolekulyarnyye soyedineniya, v. 5, no. 2, 1963,
206-211

TEXT: The possibility was studied of obtaining high-molecular fiber-forming polyamides on the basis of α -piperidone by copolymerizing it with ϵ -caprolactam (CL). Two techniques were applied: (1) Copolymerization at 40-45°C, 1-2 mm Hg, CL content 0-80%, and at 90°C with 90 and 100% CL; (2) in nitrogen atmosphere at 100, 120, and 160°C. The catalysts used were 2.5 mole% potassium and 1.2 mole% N-acetyl piperidone. Results with process (1): At 40-45°C, the polymerization time was 6 hrs, at 18-20°C 18 hrs, the yields (~60%) and m.p. of the copolymers depended on the composition and were always higher than in the homopolymers. Mutual activation of piperidone and CL was observed. With equimolecular component

Card 1/3

S/190/63/005/002/008/024
B101/B102

Study of ring copolymerization. ...

ratio the m.p. decreased to $\sim 0^{\circ}\text{C}$, so that copolymerization ensued at room temperature. The maximum yield was obtained with 40% piperidone and 60% CL. With equimolecular component, ratio the copolymer contained equally equimolecular parts of the components. Results in process (2): The yield increased with rising CL content. α -piperidone in itself and its 80-90% mixture with CL could not be polymerized under these conditions. The m.p. of the copolymer increased with increasing CL content. The optimum yield, 97%, was obtained with 30% piperidone + 70% CL. The polymerization time was 4 hrs at 100°C , 2 hrs at 120°C , 1 hr at 160°C . The melting point increases with rising polymerization temperature and reaches $180-185^{\circ}\text{C}$. The molecular weight is not affected by varying the addition of potassium between 1 and 2.5 mole%, but it is reduced when the addition of N-acetyl piperidone is increased from 0.25 to 1 mole%. At $\sim 195^{\circ}\text{C}$, a fiber was drawn from the copolymer melt having an intrinsic viscosity of 0.6, which had 400-500% elongation at room temperature. The increase in reactivity of the α -piperidone in the presence of CL is due to thermodynamic and kinetic particularities of the process, which must be further investigated. There are 4 figures and 1 table. The most important English-language reference is: N. Joda, A. Mijake, J. Polymer Sci., 43, 117, 1960.

Card 2/3

Study of ring copolymerization.

S/190/63/005/002/008/024
B101/B102

ASSOCIATION:

Vsesoyuznyy nauchno-issledovatel'skiy institut
iskusstvennogo volokna (All-Union Scientific Research
Institute of Synthetic Fibers)

SUBMITTED:

July 28, 1961

Card 3/3

L-62985-65 EPF(c)/EMP(j)/ENT(m)/T RPL WA/M

ACCESSION NR: AP5016513

UR/0190/65/007/006/1092/1097

66.095.26+678.675

AUTHORS: Rokachevskaya, O. P.; Volokhina, A. V.; Kudryavtsev, G. I. 44,55 32
29
B

TITLE: Copolymerization of the lactam of hexahydro-p-amino-benzoic acid with epsilon-caprolactam and zeta-enantholactam 44,55

SOURCE: Vysokomolekulyarnyye soyedineniya, v. 7, no. 6, 1965, 1092-1097

TOPIC TAGS: copolymer, organic chemistry, polyamide, cyclic compound, catalyst

ABSTRACT: The authors report on copolymerization of the hexahydro-p-aminobenzo-lactam (I) with ϵ -caprolactam (II) and ζ -enantholactam (III) to produce poly-amides of high molecular weight. This is another example of the copolymerization of cyclic compounds as reported by A. V. Volokhina, G. I. Kudryavtsev, N. V. Mikhaylov, and O. P. Rokachevskaya (Vysolomolek. soyed. 5, 206, 1963). Utiliza-tion of I in this synthesis is of practical interest, due to the ready availabil-ity of this lactam from benzoic acid and to the high thermal stability of linear polyamides derived from bicyclic compounds. I (m.p. 192°C, from benzene-petroleum ether) was prepared according to G. Wendt (Chem. Ber. 75, 425, 1942), the only modification being the replacement of Pt catalyst by Rh, after A. A. Balandin

Card 1/2

L 62985-65

ACCESSION NR: AP5016513

and M. L. Khidekel' (Dokl. AN SSSR, 123, 83, 1958). Technical II was purified by vacuum distillation. III was obtained by alkaline depolymerization of poly-enanthoamide after T. I. Sheyn and V. N. Topchibasheva (Khimich. volokna, 1959, No. 5, 21). Copolymerization was conducted in the presence of 2 mol % of K salt of II as a catalyst and 1 mol % of N-acetyl-II as co-catalyst. Effect of the molar ratio of I to II or III, of the reaction temperature, of amount of catalyst and co-catalyst upon the character and yield of the products was observed. It was found that: 1) in the presence of II or III the ability of I to polymerize increases rapidly, giving the desired fibrous polyamide of high m.p. in an almost quantitative yield; 2) the m.p.'s of the mixed polymers are functions of their composition, i.e., isomorphic substitution of the individual chains in mixed polyamides by either II or III. Orig. art. has: 3 graphs and 1 table.

ASSOCIATION: Vsesoyuznyy nauchno-issledovatel'skiy institut iskusstvennogo volokna (All-Union Scientific Research Institute of Synthetic Fibers) 44, 65

SUBMITTED: 07Aug64

ENCL: 00

SUB CODE: 00, 6C

NO REF SOV: 005

OTHER: 020

Card 2/2

ERACHEVSKAYA, O.P.; VOLOSHINA, A.V.; RUDYAVTSEVA, G.I.

Copolymerization of hexahydro-p-aminobenzoic acid lactam with
ε-caprolactam and δ-mantholactam. Vysokom. soed. 7 no. 6.
1092-1097 Je '65. (MIRA 18:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut iskusstvennogo
volokna.

L 00710-66 FWA(h)/EWT(1)/EWT(m)/ENP(i)/ENP(b)/T/ENP(t) IJP(c) AT/GS/JD
 ACCESSION NR: AT5020471 UR/0000/64/000/000/0254/0261

AUTHOR: Kir'yashkina, Z. I.^{44,55}; Rokakh, A. G.^{44,55}

TITLE: Ohmic and blocking contacts on semiconducting films on cadmium sulfide²¹

SOURCE: Mezhvuzovakaya nauchno-tehnicheskaya konferentsiya po fizike poluprovodnikov (poverkhnostnyye i kontaknyye yavleniya). Tomsk, 1962.^{44,55} Poverkhnostnyye i kontaknyye yavleniya v poluprovodnikakh (Surface and contact phenomena in semiconductors). Tomsk, Izd-vo Tomskogo univ., 1964, 254-261^{44,55}

TOPIC TAGS: cadmium sulfide, semiconducting film, photoconducting film, aluminum

ABSTRACT: Some of the photoelectric properties of cadmium sulfide films with blocking (Aquadag and copper) contacts are compared with these properties in films with ohmic contacts produced by vaporizing aluminum onto a surface treated in a glow discharge. Cadmium sulfide shows a slow increase in photocurrent after voltage application (under constant illumination). In films with Aquadag contacts, the photocurrent in a strongly illuminated specimen increases for hours, sometimes reaching values several times the original value. Ohmic aluminum contacts completely eliminate this phenomenon. When the voltage is switched on, the current in an illuminated film specimen with aluminum ohmic contacts reaches a stationary value

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L 00710-66

ACCESSION NR: AT5020471

in a shorter period than the time constant of the measuring instrument. In specimens with blocking contacts, a change in polarity of the applied voltage caused a drop in the photocurrent which was replaced by an increase after a certain time, usually measured in seconds. Rectification was usually observed with a "rectification constant" of 10-12. These effects completely disappeared with the substitution of ohmic contacts. Films with ohmic aluminum contacts have linear current-voltage characteristics (see fig. 1 of the Enclosure). It is shown that cadmium sulfide films obey Ohm's law at field strengths up to 100-150 v/cm. Ohmic contacts eliminate the ultralinearity in current-illuminance characteristics which occurs when blocking contacts are used. The aluminum ohmic contacts were found to be quite stable under severe heat conditions. These contacts were able to withstand protracted heating (several hours) in air or in a vacuum to 200-250°C, and short term heating to higher temperatures without losing their ohmic properties. Orig. art. has: 4 figures.

ASSOCIATION: none

SUBMITTED: 06Oct64

ENCL: 01

SUB CODE: EC

NO REF SOV: 001

OTHER: 004

Card 2/3

L 00710-66

ACCESSION NR: AT5020471

ENCLOSURE: 01

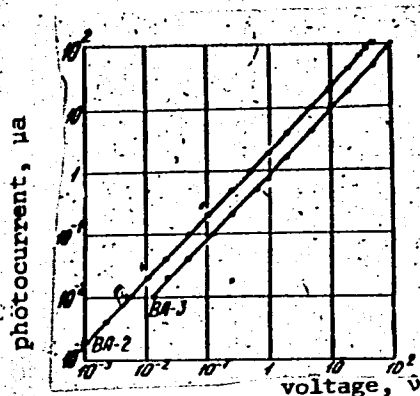


Fig. 1. Current-voltage characteristics of cadmium sulfide films in a wide voltage range: illuminance 2000 lux. Aluminum ohmic contacts.

Card *Kc*
3/3

AKH'Y SHEINA, Z.I., BOKAKH, A.G. [Bokakh, O.H.]; VOLCHANIN, Ye.M.
[Volchanin, I.E.M.]

Effect of moisture on the conductivity of CdS films
containing CdCl_2 . Ukr. fiz. zhur. 9 no.3:342-343 Mr '64.
(MIRA 17:9)

1. Saratovskiy gosudarstvennyy universitet im. Chernishevskogo.

KIR'YASHKINA, Z.I.; NOSOVA, V.A. [Nosova, V.O.]; LUCHANSKAYA, N.M.
[Luchans'ka, N.M.]; ROKAKH, A.G. [Rokakh, O.H.]; SVERDLOVA,
A.M. [Sverdlova, H.M.]

Characteristics of the cathode conductivity of cadmium
sulfide films. Ukr. fiz. zhur. 9 no.3:343-344 Mr '64.
(MIRA 17:9)

1. Saratovskiy gosudarstvennyy universitet im. Chernishevskogo.

L 3369-66 EWT(1)/EWT(m)/EWP(t)/EWP(b) IJP(c) JD/GG/GS
ACCESSION NR: AT5020485 UR/0000/64/000/000/0388/0396

AUTHORS: Kir'yashkina, Z. I.; Rokakh, A. G.

TITLE: Concerning the effect of contacts on the behavior of a photoconductor under partial illumination

SOURCE: Mezhevuzovskaya nauchno-tekhnicheskaya konferentsiya po fizike poluprovodnikov (poverkhnostnyye i kontaktnyye yavleniya). Tomsk, 1962. Poverkhnostnyye i kontaktnyye yavleniya v poluprovodnikakh (Surface and contact phenomena in semiconductors). Tomsk, Izd-vo Tomskogo univ., 1964, 388-396

TOPIC TAGS: photoconductor, photoeffect, cadmium sulfide, photosensitivity, germanium

ABSTRACT: The role of contacts in photorectification in cadmium sulfide films is investigated. The work was done to evaluate earlier explanations of this phenomenon (S. M. Ryvkin and L. G. Paritskiy, ZhTF, XXIV, No. 1, p. 3, 1954; G. Wlerick, Ann. Physique, 1, 623, 1956). Cadmium sulfide films of high photosensitivity with thicknesses of several tenths of a micron to a few microns—produced by vaporization in a vacuum on glass or ceramic—were subjected to partial illumination of constant intensity as well as to intermittent light with a frequency of 600 cps, where the illuminance was 100 lx and the width of the light

Card 1/4

L 3369-66
ACCESSION NR: AT5020485

3

band was 0.07 μ m. The distributions of potential, photo-emf, and photoresponse for a specimen of n-type Ge under intermittent partial illumination are shown in Fig. 1 on the Enclosure. It was shown that contacts can exert a substantial influence on the behavior of a photoconductor under partial illumination and that barrier contacts are responsible for photorectification in cadmium sulfide films. The authors thank L. I. Baranov for discussion and valuable advice. Orig. art. has: 4 graphs, 1 diagram, and 3 formulae.

ASSOCIATION: none

SUBMITTED: 06Oct64

ENCL: 02

SUB CODE: EC, OP

NO REF SOV: 008

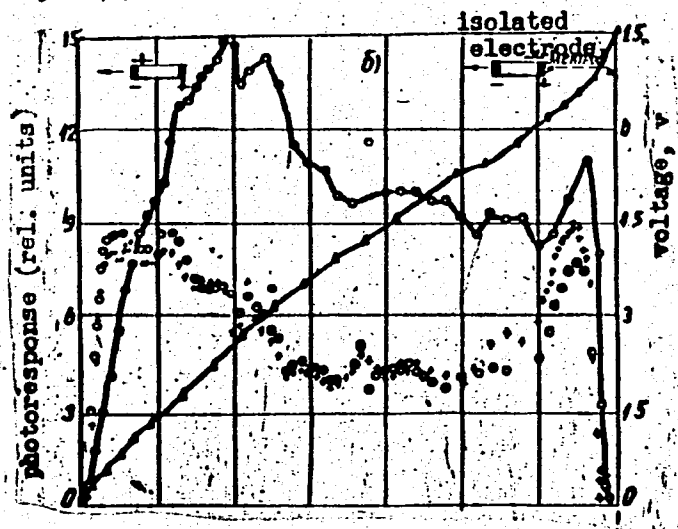
OTHER: 003

Card 2/4

L 3369-66

ACCESSION NR: AT5020485

ENCLOSURE: 01



to card 4/4

Card 3/4

L 3369-66

ACCESSION NR: AT5020485

from card 3/4

ENCLOSURE: 02

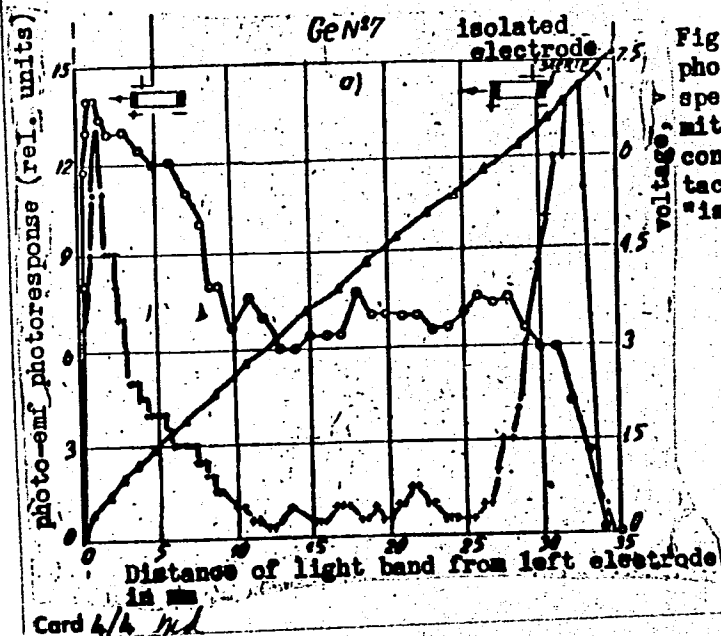


Fig. 1. Potential, photo-emf, and photoresponse distributions for specimen of n-type Ge under intermittent partial illumination. Left contact is p-n junction; right contact is l-h junction (designated as "isolated electrode" in figure)

KIR'YASHKINA, Z.I.; NOSOVA, V.A. [Nosova, V.O.]; ROKAKH, A.G. [Rokakh, G.H.]

Production of photosensitive cadmium sulfide films by means of alloying. Ukr. fiz. zhur. 9 no.6:664-666 Je '64.

(MIRA 17:11)

1. Saratovskiy gosudarstvennyy universitet im. Chernyshevskogo.

12046-65

AFEIR/AS(mp)-2/SSD/ESD(dp)/ESD(gs)/ESD(t) ID/GG/AT 8/0048/64/028/009/1514/1515 Pz-0

ACCESSION NR: AP4045311

AUTHOR: Sverdlova, A.M.; Rokakh, A.G.

TITLE: Effect of medium energy electron bombardment on the conductivity of semiconductor films. Report, Tenth Conference on Cathode Electronics held in Kiev, 11-18 Nov 1963

SOURCE: AN SSSR. Izvestiya. Seriya fizicheskaya, v.28, no.9, 1964, 1514-1515

TOPIC TAGS: electron bombardment, semiconducting film, semiconductor conductivity, zinc oxide, cadmium sulfide

ABSTRACT: The effect of bombardment with 0 to 5 keV electrons on the conductivity of 0.4 to 0.8 micron ZnO and 0.4 to 4 micron CdS films was investigated. The ZnO films were prepared by vacuum evaporation of zinc onto glass and subsequent oxidation; the CdS films were prepared by direct vacuum evaporation of CdS. Contact with the films was secured by either metal or aquadag electrodes separated by 7 mm. The nature of the electrodes had no influence on the results. A 1.5 mm diameter 10^{-5} to 10^{-8} A beam from an electron gun was focused on the film, which was shielded from the light of the electron gun cathode. The measurements were performed at a pressure

BILENKO, D.I.; DEMIDOV, V.K.; KOTELKOV, V.N.; NAZVANOV, V.F.;
NOSOVA, V.A.; ORNATSKAYA, Z.I.; ROKAKH, A.G.; SVERDLOVA,
A.M.; KAPSHTAL', G.G.; KIR'YASHKINA, Z.I., dots., red.;
VINNIKOVA, I.A., red.

[Textbook for practical studies on the physics of semiconductors]
Rukovodstvo k prakticheskim zaniatiyam po fizike poluprovodnikov;
uchebnoe posobie. [Saratov], Saratovskii univ., 1964. 115 p
(MIRA 18:11)

ROKAKH, G.; MASLOV, N., inzh. po tekhnicheskoy informatsii

Developing advanced technology. MTO no.9:26-29 S '59.
(MIRA 13:1)

1. Ispolnyayushchiy obyazannosti glavnogo inzhenera zavoda
zubostrogal'nykh stankov, g.Saratov (for Rokakh).
(Saratov--Technological innovations)

1. ROEACH, I. A., Eng.
2. USSR (600)
4. Diesel Locomotives
7. New technology of repairing aluminum pistons of internal combustion engines of Diesel locomotives series TE and D-a. Avtog.delo, 23, no. 17, 1952.
9. Monthly List of Russian Accessions, Library of Congress, March 1953, Unclassified.

1. ROKACH, I. A., Engr.
2. SSSR (600)
4. Pistons
7. New technology of repairing aluminum pistons of internal combustion engines of Diesel locomotives series TE and D-a.
Avtog. delo 23 № ~~22~~ 1952

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

ROKACH, I. A.

Dec 52

USSR/Metallurgy - Welding, Piston Reconditioning

"New Technology of Reconditioning Aluminum Pistons of Internal Combustion Engines in Oil-Engine Locomotives of the TE and D-n Series," Engr I. A. Rokach

Avtogen Delo, No 12, pp 17, 18

Describes technology developed and used at repair shop of Ashkhabad railroad for reconditioning exterior cylindrical surface of pistons and surface of wrist pin holes. Building up of these surfaces is done by oxyacetylene welding in specially designed electric furnaces and thermally insulated chambers. Discusses advantages, such as welded metal free of cavities, reduced time of reconditioning process, etc.

266748

ROKANOVIC, J.

"Control of the work of motors by the vacuum meter."

p. 774 (Vojno-Tehnicki Glasnik) Vol. 5, no. 10, Oct. 1957
Belgrade, Yugoslavia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

ACCESSION NR: AP4022703

S/0185/54/009/003/0342/0343

AUTHOR: Kir'yashkina, Z. I.; Rokakh, O. G.; Volchanin, Ye. M.

TITLE: The effect of moisture on the conductivity of CdS films doped with CdCl₂
(brief communication)

SOURCE: Ukrayins'ky'y fizy*ohny'y zhurnal, v. 9, no. 3, 1964, 342-343

TOPIC TAGS: CdCl₂-doped CdS, moisture sensitive CdS film, cadmium sulfide film, cadmium chloride doped, cadmium sulfide film

ABSTRACT: An attempt was made to explain the sensitivity of the electrical conductivity of CdCl₂-doped CdS films to atmospheric moisture. The sensitivity, manifested as a sharp minimum in the conductivity between 60 and 70C, is greatest for the largest doping concentrations, and is absent in lightly-doped samples. The effect is also absent in a vacuum. The conductivity of the heavily-doped samples decreases in a vacuum, and that of the lightly-doped samples increases. Two competing processes, the effect of moisture and the evolution of oxygen in the evacuated chamber occur. All of these factors lead the authors to the conclusion that the drop in conductivity of moisture-sensitive samples between 60 and 70C is due to a "dessication" [drying-out] of the film (thickness about one micron). Orig. art.

Card 1/2

ACCESSION NR: AP4022703

has: 2 figures.

ASSOCIATION: Saratov's'ky'y Dershumiversy*tet imeni M. G. Cherny'shevs'ky'y
(Saratov State University)

SUBMITTED: 28Oct63

DATE ACQ: 08Apr64

ENCL: 00

SUB CODE: GE, PH

NO REF SOV: 000

OTHER: 000

Card 2/2

ACCESSION NR: AP4040936

S/0185/64/009/006/0664/0666

AUTHOR: Kir'yashkina, Z. I. (Kir'yashkina, Z. I.);
Nosova, V. O. (Nosova, V. A.); Rokakh, O. G. (Rokakh, A. G.)

TITLE: Preparation of photosensitive cadmium sulfide films by alloying

SOURCE: Ukrayins'ky'y fizy*chny*y zhurnal, v. 9, no. 6, 1964, 664-666

TOPIC TAGS: polycrystalline cadmium sulfide, photoconductive polycrystalline cadmium sulfide, CdS film, photosensitive film

ABSTRACT: Principles of the preparation of photoconductive polycrystalline cadmium sulfide are discussed. Two methods for preparing photosensitive CdS films are presented: 1) Cadmium sulfide films were obtained by evaporating CdS in vacuum, adding CuCl_2 and NaCl to the initial powder, and heating the mixture in air. As substrate, 15 mm x 15 mm polished glass was used. The thickness of the films was several microns. 2) Films having a large area (tens of cm^2) were prepared by adding copper in the form of CuCl_2 and chlorine in the

Card 1/2

ROKACH, V., inzh.

Method of deformation testing of reinforced concrete elements subject
to flexure. Bud. mat. i konstr. 4 no.1:53-54 Ja-F '62. (MIRA 15:7)
(Precast concrete--Testing) (Flexure)

KRAMARENKO, V.P.; ROKACH, Z.S.

Effect of electrolytes on the extraction of alkaloids using
organic solvents in acid aqueous solutions. Farmatsev.
zhur. 17 no.1:28-31 '62. (MIRA 15:6)

1. Kafedra sudebnoy i analiticheskoy khimii L'vovskogo
meditsinskogo instituta.
(ALKALOIDS) (SOLVENTS) (ELECTROLYTES)

KRAMARENKO, V.P.; ROKACH, Z.S.

Comparative evaluation of methods for the quantitative determination
of alkaloids in extracts of biological material. Report No. 2.
Farmatsev. zhur. 16 no. 2:54-58 '61. (MIRA 14:4)

1. Kafedra sudovoi ta analitichnoi khimii L'vivs'kogo medinstitutu.
(ALKALOIDS)

KRUGLIKOVA, R.I.; ROKACHEVSKAYA O.P.; SABLINA, T.S.

Synthesis of actals of substituted tetrahydrobenzaldehyde.

Zhur. ob. khim. 31 no.4:1166-1173 Ap '61.

(MIRA 14:4)

1. Institut tonkoy khimicheskoy tekhnologii imeni M. V. Lomonosova.
(Benzaldehyde)
(Acetals)

10751, S.I., and. taken. back

Determining basic parameters of soils for the evaluation of
tractive and cohesive properties of motor vehicles. Avt. prom.
31 no.1:24-26 Ja '64. (MIPA 18:3)

1. Leningradskiy politehnicheskii institut.

ROKAS, S.I. (Kaunas)

Effect of the speed of the pressing in of a penetrometer on the resistance
of soil to penetration. Osn., fund. i mekh. grun. 6 no. 6:9-11 '64.

(MIRA 18:1)

ROKAS, S. I., kand. tekhn. nauk

Relationship between the rolling resistance of the ZIL-157
motortruck and soil conditions. Avt. prom. 29 no.5:18-19
My '63. (MIRA 16:4)

1. Kaunasskiy politekhnicheskii institut.

(Motortrucks---Dynamics)