

NOWAKOWSKI, Lech; HETPER, Jacek

Catalytic dehydration of propane on a stationary catalyst. Przem
chem 40 no.12:696-698 D '61.

1. Instytut Ciezkiej Syntezy Organicznej, Blachownia Slaska.

S/194/62/000/007/046/160
D295/D308

AUTHORS: Grosits, Gusztav, Hetsi, István, and Maroti, Béla

TITLE: Magnetic equipment for programmed control

PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika,
no. 7, 1962, abstract 7-2-113 ye (Hung. pat., cl. 21a²
18 - 20, 21 e, 1-13, no. 147898, Dec. 30, 1960)

TEXT: The equipment serves for transmitting several control signals of different frequencies along one and the same channel. Its voltage amplifier operates in reception also as a multivibrator, and the power amplifier also as a generator with cathode coupling. For its triggering the multivibrator comprises individual capacitors for each controlled process. In the anode circuit of the power amplifier there are several output transformers connected in series whose number is equal to the number of controlled processes. They form resonant circuits tuned to the above frequencies. In the secondary circuit of the transformers there are corresponding relays and a socket for connecting the circuits switched by each relay. To operate the equipment, the magnetic tape, drum or disc recording is
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Magnetic equipment for programmed ... S/194/62/000/007/046/160
D295/D308

divided into several channels and for each a corresponding combined
head is used. A twin diode is used in the voltage amplifier (multi-
vibrator) stage. [Telefongyar]. [Abstracter's note: Complete trans-
lation.]

Card 2/2

HETTENBERGER, J.; KUDRA, J.

"Control and auxiliary apparatus of pneumatic machinery." p. 63.

TECHNICKA PPACA. (Rada vedeckych technickych spolocnosti pri Slovenskej akademii vied). Bratislava, Czechoslovakia, Vol. 7, No. 2, 1955.

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

HEITENBERGER, J.; JANINEK, V.; KUERA, J.

"Fastening materials in working with sheet metal; manual fastening; screws." p. 135

TECHNICKA PRAGA. (Rada vedeckych technickych spolocnosti pri Slovenskej akademii vied) Bratislava, Czechoslovakia, Vol. 7, no. 3, 1955.

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

Uncl.

HETTENBERGER, J.

Hand-lever (elbow) clamp; clamping attachments for sheet metalworking,
p. 281, TECHNICKA PRACA (Statne nakladatelstvotechnickej literatury)
Baratislava, Vol. 7, No. 6, June 1955

SOURCE: East European Accessions List (EEAL) Library of Congress,
Vol. 4, No. 12, December 1955

HETTENBERGER, J.: JANIREK, V.: KUDRA. J.

Fixing manual, with lever tools, the materials for sheet metalworking. p. 331

TECHNICKA PRACA. Czechoslovakia, Vol. 7, No. 7, July 1955

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

HETTENBERGER, J.; JANIREK, V.; KUDRA, J.

Fastening materials in working with sheet metal; manual fastening: lever tools.
p. 379

TECHNICKA PRACA. Czechoslovakia, Vol. 7, No. 8, Aug. 1955

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

HETTENBERGER, J.; JANIREK, V.; KUDRA, J.

Fastening materials in working with sheet metal; manual fastening: level tools. p. 473

TECHNICKA PRACA. Bratislava, Czechoslovakia. Vol. 7, No. 10, Oct. 1955

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

Protection of ancient glass objects against alteration.
K. Hetta. *Zprávy Památkové péče* (Prague); *ICOM
News 8*, No. 3, 22 (June 1986).--The present method of
treating glass includes cleaning the object, dipping in a 5%
soln. of HNO₃ to rid of the elements which cause the de-
compu., washing in distd. water, then drying in air, heat-
ing *in vacuo* to a temp. of 70°, and application of a thin coat-
ing of silicone varnish. R. J. Gettens

HETTES, Karel

From the history of chemical research in Bohemia. Tech praca
14 no.8:651-654 Ag '62.

HETTNER, M.

Determining the economic Diameter of Laminar Flow Pipes. (Energetics and Hydrological Engineering), #3:131:Mar. 55

HAJOS, Gyrogy; CSASZAR, Akos; PAL, Laszlo; TURAN, Pal; CORRADI, Keresztely;
KARTESZI, Ferenc; GALLAI, Tibor; GRATZER, Gyorgy; SCHMIDT, E.
Tamas; RENYI, Alfred; HETVEI, Gabor; BARTFAI, Pal; DEAK, Ervin;
KOVARI, Tamas

Mathematical problems. Mat lapok 13 no.1/2:174-183 '62.

1. "Matematikai Lapok" szerkeszto bizottsagi tagja (for Hajos).
2. "Matematikai Lapok" felelos szerkesztoje (for Turan).
3. "Matematikai Lapok" szerkeszto bizottsagi tagja (for Renyi).

CSASZAR, Akos; EKDOS, Pal; TURAN, Pal; KARTESZI, Ferenc; FRIED, Ervin;
WIEGANDT, Richard; CSIPSZER, Janos; KALMAR, Laszlo; KONCZ, Karoly;
MAJTHAY, Antal ; BOGDAN, Zoltan; HAJNA, Janos; HETYEI, Gabor;
SURANYI, Janos

Mathematical problems. Mat lapok 14 no.1/2:163-169 '63.

1. "Matematikai Lapok" felelos szerkesztoje (for Turan). 2. "Matematikai Lapok" szerkeszto bizottsagi tagja (for Kalmar),

VERESS, Elemer, Dr.; HETYEI, Pal, Dr.

Rupture of corpus luteum cyst simulating symptoms of ruptured ectopic pregnancy. *Magy. noorv. lap.* 21 no.5:297-299 Oct 58.

1. A Szegedi mj. varosi tanacs korhaza (igazgato: Nagy Laszlo dr.) szuleszeti es noogyogyasszati osztalyanak (foorvos: Bodis Lajos dr.) kozlemenye.

(PREGNANCY, ECTOPIC, differ.diag.

corpus luteum cyst rupt. simulating ruptured ectopic pregn. (Hun))

(CORPUS LUTEUM, cysts

rupt. simulating ruptured ectopic pregn. (Hun))

HETYEI, Pal, dr.

Recent data on the clinical picture of placental prolapse. Magy.
noorv.lap. 27 no.1:21-24 J '64.

1. A szegedi mj. varosi korhaza (Igazgato: Nagy Laszlo dr.) szül-
eszeti es nögyogyaszati osztalyanak (Főorvos: Bodis Lajos dr.)
közleménye.

BODIS, Lajos, dr.; ANTAL, Albert, dr.; HELLER, Pál, dr.

Our experiences with Abothyl in the treatment of cervical erosion.
Orv. hetil. 105 no.32:1512-1513 9 Aug '64.

1. Szegedi mf. Varosi Tanacs Korhaza, Szuleszeti es
Nogyogyaszati Osztaly.

HEUER, RUSSEL PEARCE

POLAND/Chemical Technology. Chemical Products and their Application. J-12
Glass. Ceramics. Building Materials.

Abs Jour: Referat Zh.-Kh., No 8, 1957, 27737 P.

Author : Russel Pearce Heuer.

Inst : _____

Title : Method of Manufacturing Basic Refractory Products in Metal
Frames.

Orig Pub: Polish patent 37514 of June 2, 1955.

Abstract: A method of pressing unburnt basic refractory objects in metal frames (F) is described in detail. The frames (0.5 to 6.5 mm thick) are characterized by that their lower part inserted into the press box consists of two side walls bent at an angle $>90^\circ$ and a bottom, and the upper part is fixed to the upper stamp of the press. A projection is also fixed on the upper stamp, it produces a recess in the object used for suspending the ready object on the furnace fittings. After the frame parts have been

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POLAND/Chemical Technology. Chemical Products and their Application. J-12
Glass. Ceramics. Building Materials.

Abs Jour: Referat Zh.-Kh., No 8, 1957, 27737 P.

put in place, the mold is filled with paste and the pressing of the object is carried out; the walls and the bottom of the frame acquire the exact form of the mold, and the upper part exactly covers the top side of the raw object. In order to keep the frame on the object more securely, holes are made in the upper part, the bottom and the side walls, 8 holes in each upper part and bottom and 4 holes in each side wall, and the edges of these holes are bent inside. After the pressing the object is covered with a metal frame on 4 sides.

Card : 2/2

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CZECHOSLOVAKIA/General Biology. General Ecology.

D-6

Abs Jour: Ref Zhur-Biol., No 20, 1958, 90446.

Author : Houhacsi, Robert

Inst :

Title : A Sketch of the Landscape and the Vegetation in the South-Eastern Parts of the Trebon Basin.

Orig Pub: Ochrana prirody, 1957, 12, No 8, 227-232 (Czech)

Abstract: A biogeographical and physico-geographical sketch of the forest and fish economy in the region of Trebon - Chlum (eastern part of the Czech district Jatejevice). Detailed description is given of ten vegetative formations in this region and of the climate. The forest economy is briefly characterized. According to the author, the region is also of interest from the point

Card : 1/2

CZECHOSLOVAKIA/General Biology. General Ecology.

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Obs Jour: Ref Ekur-Biol., No 20, 1958, 90446.

of view of natural conservation. -- V.I. Denisov.

Card : 2/2

36

HEUSLER, C.

Knowledge acquired at the Leipzig Spring Engineering Fair. p.268.
(Pozemni Stavby, Vol. 5, No. 5, May 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No 9, Sept. 1957. Uncl.

HEUSLER, O.

"The principles and economical reasons of the proposal for the introduction of central stations to produce reinforcing elements for concrete."

p. 214 (Mechanisace, Vol. 5, No. 6, June 1958, Praha, Czechoslovakia)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 9, September 1958.

HEUSLER, O.

TECHNOLOGY

Periodical: MECHANISACE. Vol.5, no. 11, Nov. 1958.

HEUSLER, O. Regional mortarworks. p. 401.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 3
March 1959 Unclass.

An improved tower elevator. p. 37.

POZEMNI STAVBY. (Ministerstvo stavebnictvi)
Praha, Czechoslovakia Vol. 7, no. 1, Jan. 1959

Monthly List of East European accession, (ENAI), IC, Vol. 7, No. 12, Dec. 1959
Uncl.

GELEJI, Sandor, akadémikus, osztálytitkár; BOGNAR, Geza, akadémikus; BENEDIKT, Otto, akadémikus; MAJOR, Mate, lev.tag.; SZIGETI, Gyorgy, akadémikus; BAN, Tamas; HEVASI, BYULA, Elnok; BAZSO, Imre, lev. tag.

1. Report on the work of the Section of Technical Sciences to the 1960 General Meeting of the Hungarian Academy of Sciences; also, remarks by G.Bognar and others. Muszaki kozl MTA 27 no.1/2:1-34 '60. (EBAI 10:4)

1. Magyar Tudományos Akadémia, Muszaki Tudományok Osztálya (for Geleji, Bognar, Benedikt, Major Szigeti, Hevesi)
(Hungarian Academy of Sciences)
(Hungary--Technology)

HEVELKA, K. : FYTLIK, F.

Synchronous compensator of 30 MV Ar with hydrogen cooling.

P. 454 (Elektrotechnicky Orzor) Vol. 46, No. 9, Sept. 1957, Czechoslovakia

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC. - VOL. 7, NO. 1, JAN. 1958

HEVNESI, GI.

Basic raw materials for core bonding agents and technical methods
for producing oil-bonded cores, p. 145, KOHASZATI LAPOK (Magyar
Bányászati és Kohászati Egyesület) Budapest, Vol. 11, no. 7, July 1956

SOURCE: EEAL, Vol. 5, no. 11, November 1956

MEMO, NY.

Synthetic material in foundries, p. 56.
(GEMODE. Vol. 8, no. 3, Mar. 1957, Budapest, Hungary)

SO: Monthly List of East European Accessions (EMEA) IC. Vol. 6, n. 12, Dec. 1957.
Uncl.

HEVENESI, Gy

Distr: HE2C(1) 15

5-
2-May

Resins used in shell molding and properties of the resin-sand system. Gyozo Ambrus, Gyorgy Hevenesi, and János Szekeres. Onida 9, 1-5 (1958). Various shell-molding resins were examd. for Young's modulus, softening point, free phenol content, "hexa" content, moisture, and hardening time. The effects of the phenol-HCHO ratio, of the above detd. properties, of the resin-sand ratio, sand quality, baking temp., and baking time on the tensile and shrinkage properties of the shell were studied. Resins contg. 40% phenol and 60% cresol were found to be suitable in every respect. L. G. Arvai

JG

S/081/62/000/022/073/088
B166/B144

AUTHORS: Hevenesi, György, Szekeres, János

TITLE: A method of producing strengthened articles from synthetic resin and a granular material

PERIODICAL: Referativnyy zhurnal. . Khimiya, no.22, 1962, 539, abstract 22P388 (Hungarian patent 14840), Sept. 30, 1961)

TEXT: In order to strengthen systems consisting of a synthetic resin and a granular material (GM) the surface of the grains is coated with an intermediate layer. This layer adheres more strongly both to the synthetic resin and to the GM than they adhere together directly. The intermediate layer (epoxy resin, organometallic compounds of resins produced from them such as metal alcoholates, intracomplex compound of Al and acetoacetic ester, metal phenolates, phenol-formaldehyde resins) is applied directly to the hot GM (MgO , Al_2O_3 , SiO_2 , $ZrSiO_4$) whilst being agitated in a solvent, which is afterwards removed. Example. Sand heated to $-220^{\circ}C$ is mixed with a quantity of epoxy resin emulsion such that after
Card 1/2

A method of producing strengthened ...

S/081/62/000/022/073/088

B166/B144

removal of the water the layer of epoxy resin coating the grains weighs
~0.1 % as much as the sand. After the resin has become uniformly
distributed, novolac phenol resin amounting to 2.5 - 3 % of the weight of
sand is added and is stirred for 2 - 3 min; then hexamethylenamine
amounting to 10 % by weight of the phenolic resin is added whilst cooling
and stirring vigorously; stirring is continued for a further 5 min.

[Abstracter's note: Complete translation.]

Card 2/2

S/081/63/000/003/034/036
B144/B186

AUTHORS: Hevenesine, M. L., David, P.

TITLE: Method of cross-linking epoxy compounds, particularly epoxy resin

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 3, 1963, 617, abstract 3T229 (Hung. patent 148558, October 31, 1961)

TEXT: A method is proposed for cross-linking epoxides, particularly epoxy resin, by combining a phenol halohydrine resin with a resin containing organometal compounds (Al, Fe, Ti) in a solvent in the presence of synthetic resins or catalysts or mixtures of these.

Example: - Production of phenol halohydrine resin containing an OH group: To the mixture of 228 parts by weight diene (p,p'-dihydroxy phenyl-dimethyl methane) and 86 parts by weight acetone is added (dropwise) a solution of 60 parts by weight NaOH in 340 parts by weight water in the course of 2.5 hrs at 70°C. The mixture is kept for another 2 hrs at 70°C under stirring. After phase separation, the resin is washed to eliminate the ions, is dehydrated in vacuo, and then dissolved in
Card 1/2

Method of cross-linking epoxy ...

S/081/63/000/003/034/036
B144/B186

diacetone alcohol until the latter contains 25% resin (solution A). Production of resin containing a metal compound: Solution B is obtained from 100 parts solution A and 15 parts 50% solution of stabilized aluminum butylate by boiling with a reflux cooler for 3 hrs. By boiling 100 parts solution A and 20 parts stabilized iron butylate (50% solution) with reflux cooler for 3 hrs, solution D is obtained. a) 100 parts of 50% solution of diene epoxy resin is mixed with 100 parts solution D. The mixture is cured at 160°C for 3 hrs. An elastic product is obtained which ages but slightly when kept for a long time at 160°C. b) 100 parts 50% solution of resorcin epoxy resin, 30 parts solution B, 10 parts solution D, and 60 parts 50% solution of cresol novolak resin are mixed. The mixture is cured at 160°C for 8 hrs. c) 100 parts 50% solution of diene epoxy resin, 50 parts solution B and 1 part m-phenylene diamine are mixed. The mixture is cured at 160°C for 1 hr. [Abstracter's note: Complete translation.]

Card 2/2

NAGY, Angela; HEVER, Dezso, dr.(Budapest); HORVATH, Laszlo, femernok(Budapest)

Where duties on the scope of activity are correctly judged. Ujit lap
13 no.15:9 Ag '61.

1. Chinoin Gyorgyszergyar fotechnologusa (for Hever). 2. Ruggyantaaru-
gyar (for Horvath).

(Hungary—Pharmaceutical research)
(Hungary—Rubber industry and trade)

HEVER, Dezso

The United Works of Pharmaceutical and Dietetic Products is 50 years old. Magyar Lap 18 no.4:164-166 Ap '63.

1. Egyesült Gyógyszer- és Tápszergyár.

ORMOS, Pal, dr.; OCSOVNSKY, Laszlo, dr.: HEVER, Odon, dr.

Dysentery epidemics through drinking water. *Nepegeszsegugy* 36
no.1:15-19 Jan 55.

1. Koslemery a Csongrad megyei tanacs vb. XI. egeszsegugyi
osztalaraol es a hodmesovasarhelyi korhas korseti laboratoriumabol.

(DYSENTERY, epidemiology
in Hungary, trans. by drinking water.)

(WATER SUPPLY
drinking water, transm. in dysentery epidemics in
Hungary.)

HEVER, Odon, dr.; KALNAI, Htelka, H., dr.

Method of paper electrophoresis in pulmonary tuberculosis. Orv.
hetil. 96 no.2:46-49 9 Jan 55.

1. Hodmezovasarhelyi Varosi Tanacs Korhaza Laboratoriumanak
(igazgato-foorvos: Ormos Pal dr.) es Tudosztalyanak (foorvos:
Sandor Zeigmond dr.) koslemenye.

(BLOOD PROTEINS, in various diseases,
tuberc., pulm., electrophoresis)

(TUBERCULOSIS, PULMONARY, blood in,
proteins, electrophoresis)

(ELECTROPHORESIS,
of blood proteins in pulm. tuberc.)

KOVACS, Pal, dr.; HEVER, Odon, dr.

Investigation of blood proteins in osteoarticular tuberculosis by electrophoresis; I. Investigations on the actual state of osteoarticular tuberculous processes. Orv. hetil. 97 no.8: 213-215 19 Feb 56.

1. A Hodmesovasarhelyi Varosi Tanacs Korhas Laboratoriuma (igaz.: -foorvos: Ormos, Pal dr.) es a Kakasszei Csont es Tudosebesseti Osztalyanak (foorvos: Kovacs, Pal dr.) Kozl.

(TUBERCULOSIS, OSTEOARTICULAR, blood in
blood protein fractions, electrophoresis (Hun))

(BLOOD PROTEINS
fractions, electrophoresis in osteoarticular tuberc.
(Hun))

(ELECTROPHORESIS
of blood protein fractions in osteoarticular tuberc.
(Hun))

HEVER, Odon

Paper electrophoretic study on the relationship of isoniazid and blood protein fractions. Kiserletes orvostud. 8 no.2: 149-151 March 56.

1. Hodmezovasarhelyi Varesi Tanacs Korhaz Kozponti Laborat.

(NICOTINIC ACID ISOMERS, determ.

isoniazid, relation to blood protein fractions in electrophoresis. (Hun))

(BLOOD PROTEINS

fractions, relation to isoniazid in electrophoresis. (Hun))

HEVER, O.

✓ Paper electrophoretic behavior of Isoniazid (INH) in the presence of serum proteins. G. Hever (Städt. Krankenhaus, Hódmezővásárhely, Hung.). *Klin. Wochschr.* 34, 274-5 (1956). — Paper electrophoresis of mixts. of INH and serum proteins revealed that INH did not move with the proteins and was therefore not bound to them. J. C. M. *med*

EXCERPTA MEDICA Sec 9 Vol 13/4 Surgery Apr 59

1703. (502) ELECTROPHORETIC EXAMINATION OF SERUM PROTEINS IN TB OF BONES AND JOINTS - Csont és ízületi gümőkórosok savófehérje vizsgálata elektroferézissel. A csont és gümőkóros folyamatok lezajlásának követése Műtét hatása a fehérjefrakciók alakulására - Hevér O. and Kovács P. All. Fodor József Tbc. Gyógyint. Lab. és Hőmérsékletmérési Városi Tanács Kórháza Kakasszéki Csont- és Tüdősebészeti Osztályának Közl. - TUBERKULOZIS (Budapest) 1958, 11/1-2 (17-23) Graphs 4
The significance of electrophoretic examinations and their errors are discussed; 449 examinations were carried out. (ix, 15*)

Hever O.
EXCERPTA MEDICA Sec 7 Vol 12/11 Pediatrics Nov 58

3086. THE ROLE OF ANTIBIOTIC TREATMENT IN INFECTIONS DUE TO PSEUDOMONAS PYOCYANEA - Az antibiotikus kezelés szerepe a Pseudomonas pyocyanea által okozott fertozésekben - Hever O. Hódmezővásárhelyi Városi Tandes Kórháza Lab. Közl. - ORV. HETIL. 1958, 99/8-9 (286-288) Graphs 1

Ps. aeruginosa has been found more often in stools during the last 5 yr. than previously; the micro-organism is particularly often found in the faeces of subjects treated with chloramphenicol. These represented 74% of all the positive cases; two-thirds of them are children below 5 yr. of age. Most cases of Ps. aeruginosa sepsis develop from enteritis.
Lentini - Rome (L, 7)

EXCERPTA MEDICA Sec 15 Vol 12/8 Chest Dis. Aug 59

1955. ELECTROPHORETIC EXAMINATION OF SERUM PROTEINS IN TB OF BONES AND JOINTS - Csont és ízületi gümőkórosok savófehérje vizsgálata elektroforézissel. A csont és ízületi gümőkóros folyamatok lezajlásának követése Mütét hatása a fehérjefrakciók alakulására - Hevér O. and Kovács P. All. Fodor József Tbc. Gyógyint. Lab. és Hódmezővásárhelyi Városi Tanács Kórháza Kakasszéki Csont- és Tüdősebészeti Osztályának Közl. - TUBERKULÓZIS (Budapest) 1958, 11/1-2 (17-23) Graphs 4

The significance of electrophoretic examinations and their errors are discussed; 440 examinations were carried out. (IX, 15)

HEVER, Odon, dr.; RISKÓ, Tibor, dr.; DARVAS, Jenő, dr.

Concentrations of streptomycin in the blood and in contents of abscesses. *Tuberkulózis* 12 no.12:271-274 D '59.

1. Az All. Fodor József Tbc Gyógyintézet (igazgató-őorvos: Sebők László dr.) Laboratóriumának (őorvos: Hever Odon dr.), I. Sebészeti osztályának (őorvos: Riskó Tibor dr.) és Chinoin Gyógyszer és Vegyszeti Termékek Gyára Mikrobiológiai Laboratóriumának (osztályvezető: Darvas Jenő dr.) közleménye.

(STREPTOMYCIN metab)

(TUBERCULOSIS metab)

HEVER, Odon, dr.; CSERGO, Istvan, dr.

On the problem of the prevention of post-infusion thrombophlebitis.
Orv.hetil. 102 no.35:1640-1643 27 Ag '61.

1. Allami Fodor Jozsef Tbc. Gyogyintezet, Budapest.

(THROMBOPHLEBITIS prev & control)
(INJECTIONS compl)
(INFUSIONS PARENTERAL compl)

HEVER, Odon, dr.; FONYODI, Tivadar, dr.

Examination of serum aldolase and transaminase in tuberculous patients.
Tuberkulozis 15 no.1:26-28 Ja '62.

1. Az Allami Fodor Jozsef Tbc Gyogyintezet es Budapest Fovarosi Tanacs
Laszlo korhaza kozlemenye.

(TUBERCULOSIS blood) (TRANSAMINASES blood)
(ALDOLASE blood)

HEVER, Odon, dr.

Practical application of niacin reaction and of its modifications.
Tuberkulozis 15 no.2:57-60 F '62.

1. Az Allami Fodor Jozsef Tbc Gyogyintezet (igazgato: Sebok Lorand dr.
az orvostudomanyok kandidatusa) kozlemenye.

(TUBERCULOSIS) (NICOTINIC ACID)

H. KALNAI, Etelka, dr.; HEVER, Odon, dr.

Examination of liver function and energy metabolism processes in tuberculous alcoholics. Tuberkulozis 15 no.11:332-335 N '62.

1. Az Orszagos Koranyi Tbc Intezet (Igazgato: Boszormenyi Miklos, dr. kandidatus, tudomanyos vezető: Foldes Istvan dr. kandidatus) es az Allami Fodor Jozsef Tbc Gyogyintezet (Igazgato: Sebok Lorand dr. kandidatus) kozlemenye.

(TUBERCULOSIS, PULMONARY) (ALCONOLISM) (FATTY LIVER)
(LIVER CIRRHOSIS) (ENERGY METABOLISM) (LIVER FUNCTION TEST)

HEVER, Odon, dr.; MEISSNER, Gertrud, dr.

Experiences in the determination of the nitrate reductase activity of Mycobacterium tuberculosis with a reference to the INH resistant strains and their determination. Tuberkulosis 17 no.4:115-118 Ap '64.

1. A Tbc Kutatointezet Borstel, Kiserleti Biologiai es Orvostudomanyi Intezet, Borstel uber Bad Odesloe (Igazgato: Prof. dr. E. Freerksen) kozlemenye.

NEVER, Odon, dr.; CSERGO, Istvan, dr.

Effect of anesthesia on the blood sedimentation rate during the postoperative phase. Orv. hetil. 103 no.10:443-445 Mr '62.

1. Allami Fodor Jozsef Tbc. Gyogyintezet.

(SURGERY OPERATIVE blood) (BLOOD SEDIMENTATION)
(ANESTHESIA blood)

HEVER, Odon, dr.

On the content of haptoglobin in the blood and some clinical aspects of its determination. Orv. hetil. 103 no.24:1117-1122 17 Je '62.

1. All. Fodor Jozsef Tbc. Gyogyintezet.

(SERUM GLOBULIN)

H. KALNAI, Etelka, dr.; HEVER, Odon, dr.

Effect of para-aminosalicylic acid therapy on serum lipid fractions
in tuberculosis. Tuberkulozis 16 no.1:12-15 Ja '63.

1. Az Orszagos Koranyi Tbc Intezet (igazgato: Borszormenyi Miklos
dr. kandidatus, tudomanyos vezeto: Foldes Istvan dr. kandidatus)
es az Allami Fodor Jozsef Tbc Gyogyintezet (igazgato: Sebok Lorand
dr. kandidatus) kozlemenye.
(AMINOSALICYLIC ACID) (LIPID METABOLISM) (ALCOHOLISM)

HEVER, Odon, dr.; H. KALNAI, Etelka, dr.

Determination of the haptoglobin level in tuberculosis and the examination of influencing factors. Tuberkulozis 16 no.2:53-56 F '63.

1. Az Orszagos Koranyi Tbc Intezet (igazgato: Bozsormenyi Miklos dr. kandidatus, tudomanyos vezeto: Foldes Istvan dr. kandidatus) es az Allami Fodor Jozsef Tbc Gyogyintezet (igazgato: Sebok Lorand. dr. kandidatus) kozlemenye.

(TUBERCULOSIS, PULMONARY) (TUBERCULOSIS) (ALCOHOLISM)
(HEPATITIS) (HAPTOGLOBINOMETRY)

VALASI, György, dr., BRVFR, Odon, dr., KORBANI, György, dr.

Haptoglobin in children with hepatitis. Orv. Hetil. 195
no.51:2423-2426 20 D '64.

I. Orvostovábbképző Intézet, II. Gyermekgyógyászati Tanszék
(tanszékvezető: Steiner Béla dr.) Állami Fodor József Tbc.
Gyógyintézet (igazgató- főorvos: Rákos Tibor dr.), Laboratórium
(főorvos: Hever Odon dr.).

Infectious Diseases

HUNGARY

HEVER, Odon, Dr. H., KALNAI, Etelka, Dr; State Fodor Jozsef Tbc Sanitarium (Allami Fodor Jozsef Tbc. Szogyzintezet), and Capital City Council, IV. District City Hospital (Fovarosi Tanacs IV. Keruleti Varosi Korhaz), Budapest.

"The Distribution of Hereditary Haptoglobin Types Among Tuberculous Subjects (Preliminary Communication)."

Budapest, Orvosi Hetilap, Vol 107, No 11, 13 Mar 66, page 501.

Abstract: A statistical evaluation was made of the incidence of various types of haptoglobin among the healthy and tuberculous population. The data on the tb cases were also evaluated with respect to the responsiveness of the disease to treatment as well as to the Koch positive and negative cases. The differences were found to be significant insofar that there was a greater incidence of the Hp1 gene in the cases which were Koch positive for a lengthy period or had a poor prognosis. The presence of gene type Hp2-2 was indicative of a more favorable reaction by the patients. 3 Hungarian, 3 Western references.

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1. OSKS, Prague.

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HEVESI, Andre

Factory-controlled television sets. Let. bud 19 no. 52-2457-2459
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HEVESI, Endre

Industrial television and radar in the service of switch-
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HEVESI, Endre

Automation in removing snow and ice from railway switches.
Vastu 15 no.3:14-15 Mr '65.

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Account of the work of the Section of Technical Sciences of the Hungarian Academy of Sciences in 1953/54; also, remarks by S. Geleji and others. p. 17. KOZLÉNYI. Budapest. (Reports issued by the Section of Technical Sciences, Hungarian Academy of Sciences. Quarterly) Vol. 14, No. 1/3 1954

SOURCE: East European Accessions List (EEAL) Library of Congress
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Revolutionary part of our technical intelligentsia. (To be contd.) p. 4.
(MADZAKI BLET. No. 7, Apr. 1955. Budapest.)

SC: Monthly List of East European Accession. (EEAL). Lc. Vol 1: Nov. 11 Nov. 1955 Encl.

HEVESI, Gy.

Report on the activity of the Section of Technical Sciences of the Hungarian Academy of Sciences in 1953-54. In German. p. 3.
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SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, no. 10, Oct. 1955,
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HEVESI, Gy.

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MUSZAKAI LELET. (Muszaki és Természettudományos Egyesületek Szövetsége) Budapest
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Technical Sciences of the Hungarian Academy of Sciences. In
German. p. 255.

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SOURCE: Monthly list of East European Accession, (REAL), LC,
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HUNYA, Istvan; AJTAY, Zoltan; SZILAGYI, Andras; NOLEPA, Ferenc; KOMAROMI, Lajos, szocialista munka hose; RADNAI, Janos; HEVESI, Gyula

Remarks delivered at the 2d National Conference of Innovators, Inventors and Outstanding Workers, December 6-7, 1958. Munka 9 no.1:6 Ja '59.

1. Csepel Vas-es Femuvek Csogyara (for Hunya). 2. Banyaszati Kutato Intezet igazgatoja (for Ajtay). 3. Wilhelm Pieck Vagon-es Gepgyar szakszervezeti bizottsaganak elnoke (for Szilagyi). 4. Csepeli Eromu (for Nolepa). 5. Szerszangepkiserleti Intezet munkatarsa (for Komaromi). 6. Femarud es Szerszangepgyar fokonstruktore (for Radnai). 7. Magyar Tudomanyos Akademia titkara (for Hevesi).

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no.9:559-561 S '60. (EBAI 9:12)

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Relationship between theory and practice in technical education. Magyar
tud 67 no.12:715-718 D '60. (EEAI 10:3)
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HEVESI, Gyula, akadémikus

Report on the general assembly session of the Section of Technical Sciences of the Hungarian Academy of Sciences held on April 13, 1961; an introduction. *Műszaki közl MTA* 19 no.1/4:3-4 '61.

1. Magyar Tudományos Akadémia.

HEVESI, Gyula, akadémikus

A Congress that projects the future of mankind. Magyar tud 68 no.11:
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1. Magyar Tudományos Akadémia alelnöke, Budapest.

(Russia—Communism) (Russia—Science)
(Khrushchev, Nikita Sergeevich)

GELEJI, Sandor, akadémikus; WINTER, Erno, akadémikus; VADASZ, Elemer, akadémikus; TARCZY-HORNOCH, Antal, akadémikus; SZECHY, Karoly; CSONKA, Pal, a muszaki tudományok doktora; HEVESI, Gyula, akadémikus

An account of the work of the division of Technical Sciences of the Hungarian Academy of Sciences. *Muszaki kozl MTA* 31 no.1/4:13-43 '62.

1. Magyar Tudományos Akadémia Muszaki Tudományok Osztályának titkara, és "A Magyar Tudományos Akadémia Muszaki Tudományok Osztályának Közleményei" szerkesztője (for Geleji). 2. Magyar Tudományos Akadémia levelező tagja (for Szechy).. 3. Magyar Tudományos Akadémia Muszaki Tudományok Osztályának elnöke (for Hevesi).

HEVESI, Gyula, akadémikus

Some lessons drawn from the 22d Congress of the Communist Party of the Soviet Union concerning science policy. Magyar tud 69 no.2:71-79 F '62.

1. Magyar Tudományos Akadémia alelnöke, és "Magyar Tudomány" szerkesztő bizottsági tagja, Budapest.

HEVESI, Gyula, akademikus

The 8th Party Congress; first impressions and lessons.
Magy tud 69 no.12:743-747 D '62.

1. Magyar Tudományos Akademia alelnoke.

GELEJI, Sandor, akadémikus, egyetemi tanár; ERDEY-GRUZ, Tibor, akadémikus;
JANÓSSY, Lajos, akadémikus; HEVESI, Gyula, akadémikus

Problems relating to the basic research in the field of technical sciences. Magy tud 70 no.5:338-361 My '63.

1. Miskolci Műszaki Egyetem (for Geleji).
2. Tudományos és Felsőoktatási Tanács elnöke (for Erdy-Grus).
3. Magyar Tudományos Akadémia alelnöke (for Janossy and Hevesi).

HEVESI, Gyula, akademikus

Some lessons drawn from an international symposium on the extensive utilization of industrial fixed assets. Magyar tud 71 no.3:189-193 1964

1. Magyar Tudomány's Akademia Ipargazdasagtani Kutató Csoportja igazgatója; "Magyar Tudomány" szerkesztő bizottsági tagja.

HEVESI, Gy., Akademiker

Some correlations between the utilization of fixed assets, reduction in working time and the raise of the standard of living. Acta techn Hung 48 no.3/4:211-229 '64.

1. Direktor der Forschungsgruppe für Industrieökonomie der Ungarischer Akademie der Wissenschaften, Budapest, und Mitglied, Redaktionskollegium, "Acta Technica Academiae Scientiarum Hungaricae."

HUNGARY/Electronics - Photocells and Semiconductor Device. H.

Abs Jour : Ref Zhur - Fizika, No 7, 1959, 15979

Author : Gombay, L., Grulai, J., Heves, I.

Inst : The University, Szeged, Hungary

Title : Preparation of Pressed Photocells from CdS Powder

Orig Pub : Acta Phys. et chim. Szeged, 1958, 4, No 1-2, 30-34

Abstract : The authors have prepared an investigated valve CdS photocell. Powdered CdS was pressed into tablets 1.6 cm in diameter and 0.1 cm thick (weight 600 -- 1800 mg), heated to 520° C and slowly cooled. Non-transparent metallic electrodes in the form of cones were deposited by evaporation. During the course of the preliminary experiment the authors have determined the optimum pressure in pressing and investigated the effectiveness of the electrodes made of various materials. Photocells

Card 1/2

HUNGARY/Electronics - Photocells and Semiconductor Device. H.

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618020009-5

Abs Jour : Ref Zhur - Fizika, No 7, 1959, 15979

with aluminum and gold electrodes were characterized by the following data: internal resistance in darkness approximately 30 megohms; when illuminated in 3,000 lux (color temperature 2800° K) the current was 1.6 microamperes and the photo emf 0.135 volts. The photocell has a narrow spectral characteristic with a maximum near 480 millimicrons and (unlike the CdS photoresistance) has almost no sensitivity at $\lambda < 600$ millimicrons. --
N.V. Vasil'chenko

Card 2/2

HEVESY, I.

Mechanization of works of medium volume in the communication and
construction industry. p. 93.
(Melyepitestudományi Szemle, Vol. 7, no. 1/3, Jan./Mar. 1957. Budapest,
Hungary)

SO: Monthly List of East European Accessions (SEAL) LC, Vol. 6, no. 9, Sept. 1957. Uncl.

L 32133-56 EWP(t)/ETI IdP(c) JD

ACC NR: AP602355G

SOURCE CODE: HU/0014/65/093/012/0569/0573

AUTHOR: Hevesi, Imre (Graduate metallurgical engineer)

12
B

ORG: Ozd Metallurgical Works, Ozd (Ozdi Kohaszati Uzemek)

TITLE: Metallurgical results in the modernized steel plant at Ozd

SOURCE: Kohaszati lapok, v. 98, no. 12, 1965, 569-573

TOPIC TAGS: metallurgic furnace, metal purification, natural gas

ABSTRACT: New Maerz-type furnaces were installed at Ozd Metallurgical Works' steel plant. The improved dephosphorization and desulfurization performance of these furnaces was discussed. Additional improvements in these areas were realized by introducing oxygen injection. It was possible to consistently achieve sulfur contents of less than 0.035% by appropriate utilization of the furnaces. The modernization also involved the introduction of natural gas firing. Orig. art. has: 4 figures and 6 tables. [JPRS]

SUB CODE: 13, 11, 21 / SUBM DATE: none / SOV REF: 002 / OTH REF: 001

Card 1/1 BLG

UDC: 669.18:669.046.58:669.16.013.5(439)

0915

1513

HEVESI, J.

5

Simple experimental method to determine the intensity of secondary fluorescence. J. Dombi, J. Hevesi, and R. Horvay (Univ. Szeged, Hung.). *Acta Univ. Szegediensis, Acta Phys. et Chem.* 5, 20-5(1959)(in German).—The intensity ratio α of secondary to primary fluorescence can be approx. calcd. by the equation $B = E_0 \eta (1 - e^{-a})(1 - \alpha^*)^{-1}$, where B is the observed intensity, E_0 is the incident-light intensity, η is the quantum efficiency, a is the product of the absorption coeff. and the cell length, and $\alpha^* = \alpha(3 - p_p \times 3 - p_s)^{-1}$, in which p_p and p_s are the degrees of polarization of the primary and secondary fluorescence, resp. The values of α calcd. in this way gave good agreement with the exptl. values for fluorescein, rhodamine B, tryptophane, and Al morin over a 100-fold range in concn., beginning at $5.0 \times 10^{-4} M$.

John A. Hornum

KOZMA, L.; SZALAY, L.; HEVESI, J.

Further investigations on the validity of Stepanov's relation
in viscous luminescent solutions. Acta phys chem Szeged 10 no.
3/4:67-77 '64.

1. Institute of Experimental Physics, Attila Jozsef University,
Szeged.

KOZMA, L.; HEVESI, J.; HORVAI, R.

Contribution to the question of the yield of luminescent solutions. Acta phys chem Szeged 10 no.3/4:79-84 '64.

1. Institut fur Experimentalphysik der Attila Jozsef Universitat, Szeged.

E 40353-86 T WE

ACC NR: AP6034696

SOURCE CODE: HU/0006/66/000/004/0178/0183

AUTHOR: Karolyi, Jozsef; Peter, Istvan; Steingaszner, Pal; Hevesi, Jenő

23

ORG: Institute of High Pressure Research (Nagynyomasu Kiserleti Intezet)

B

TITLE: Catalysts and catalyst poisons in gasoline refining II

SOURCE: Magyar kemikusok lapja, no. 4, 1966, 178-183

TOPIC TAGS: catalytic reforming, petrochemistry

ABSTRACT: Experiments were carried out with gasolines and a catalyst of Russian origin to determine the sulfur and nitrogen tolerance of the catalyst. By using the experimental results, the highest allowable sulfur and nitrogen content can be predicted while reforming gasolines of different hydrocarbon types. In the highly paraffinic gasolines which represent the basic material of the Hungarian refineries, the maximal nitrogen content can be 0.0002 per cent by weight, that of sulfur 0.01 per cent by weight. Orig. art. has: 8 figures and 6 tables. [Based on authors' Eng. abst.] [JPRS: 36,862]

SUB CODE: 07, 11 / SUBM DATE: none / OTH REF: 001

Card 1/1

092/ 1325

PENTEK, Istven, okl.kohomernok; BIKICS, Zoltan, okl.kohomernok; MIKO, Jozsef, okl. kohomernok; HEVESI, Jozsef, fizikus

Investigation of the streaming relations of the regenerator grid of a 150-ton SM-furnace. Ipari energia 2 no.12:265-273 D '61.

1. Tudományos osztályvezető, Koho- és Gépipari Minisztérium, Hőtechnikai Kutatóintézet, Miskolc (for Pentek). 2. Tudományos munkatárs, Koho- és Gépipari Minisztérium, Hőtechnikai Kutatóintézet, Miskolc (for Bikics, Miko, Hevesi).

L 44034-66 IJP(c)

ACC NR: AP6032568

SOURCE CODE: HU/0034/65/013/002/0157/0180

AUTHOR: Szalay, Laszlo; Hevesi, Janos; Kozma, Laszlo

ORG: Institute for Experimental Physics, Jozsef Attila Scientific University, Szeged
(Jozsef Attila Tudományegyetem Kísérleti Fizikai Intézete)

TITLE: Relations between the absorption and fluorescence spectra of luminescent substances

SOURCE: Magyar fizikai folyoirat, v. 13, no. 2, 1965, 157-180

TOPIC TAGS: fluorescence spectrum, luminescent material

ABSTRACT: The relations between the absorption and fluorescence spectra of luminescent substances were discussed on the basis of references in the literature with especial emphasis on the relation described by Stepanov, B. I. (DAN SSSR, vol. 112, 1957, p. 839). Relations between fluorescence spectrum, thermal radiation spectrum, and quantum efficiency; the effects of extinction, excitation light frequency, and solvent on the relations between absorption and emission spectra; and relations between the excited molecules and the liquid medium were investigated to establish and extend the validity of the Stepanov relation. The techniques employed and the results obtained in these investigations were presented and discussed in detail. The techniques described included a novel one based on local temperature. The authors thank Academician Budo Agoston of the Institute of Experimental Physics at Jozsef Attila Medical University for guidance as well as usefull discussions. Orig. art. has: 13 figures, 17 formulas, and 5 tables. JPRS: 35,386

SUB CODE: 20 / SUBM DATE: 13Jul64 / ORIG REF: 015 / SOV REF: 018

OTH REF: 017

Card 1/1

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0919 2420

L 44112-66 IJP(c)

ACC NR: AP6018646 SOURCE CODE: PO/0045/66/029/001/0057/0064

AUTHOR: Hevesi, J.¹⁴⁰⁵; Kozma, L.; Szalay, L.

ORG: Institute of Experimental Physics, Jozsef Attila University,
Szeged, Hungary

TITLE: Temperature dependence of the relationships between absorption
and emission spectra in luminescent solutions

SOURCE: Acta physica polonica, v. 29, no. 1, 1966, 57-64

TOPIC TAGS: absorption spectrum, emission spectrum, luminescent material,
~~solution~~, temperature dependence

ABSTRACT: Stepanov's relation (Stepanov, B. I., Dokl. Akad. Nauk SSSR, 112, 839 (1957)) and its modified form for absorption and emission spectra proved to be valid for luminescent solutions in the temperature range 262—358K. In the ethanol and glycerol solutions investigated the activation energy of the interaction of the solvent and solute molecules was estimated to be 2.5—3.2 kcal/mol from the temperature dependence

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