

POKORNY, Joel, RNDr., nositel cestneho odznaku "Nejlépsi pracovník geologické služby"

Examination of the geologic structure of covered territory according to a pattern followed by the ore prospecting in the basic intrusion near Stare Ransko. Geolog průzkum '5 no.2:35-36 F '63.

1. Geologický průzkum, n.p., Brno, zavod Jihlava.

POKORNY, Joel, RNDr., nositel cestneho odznaku "Nejlepsi pracovník  
geologické služby"

Iron ore deposit near Huttenberg, Carinthia. Geol pruzkum 5 no.9:  
259-261 S '63.

1. Geologický pruzkum, n.p., Brno, zavod Jihlava.

VESELA, Marta, promovana geolozka; POKORNY, Joel, RNDr.,  
nositel cestneho odznaku "Nejlepsi pracovník geologicke  
sluzby"

Metallometric prospecting in basic geological mapping.  
Geol pruzkum 6 no. 3:81-82 Mr '64.

1. Geologicky pruzkum National Enterprise Brno, zavod  
Jihlava.

POKORNY, JOEL

CZECHOSLOVAKIA/Cosmochemistry. Geochemistry. Hydrochemistry. D.

Abs Jour : Ref Zhur - Khimiya, No 11, 1958, 35724

Author : Pokorny Joel

Inst : -

Title : Geochemical Methods of Prospecting for Deposits.

Orig Pub : Rudy, 1957, 5, No 11, Prace Vyzkumn. ustavu, 6-8

Abstract : Various geochemical methods used for the prospecting of deposits are reviewed. Also, the feasibility of applying spectral analysis to prospecting for Pb, Zn, Ag, Cu, Mn, Mo, Sb, As, Sn, V, and Hg is shown.

Card 1/1

POKORNY, J.  
(3741)

IV. klinika int. prof. Prusika. Nase zkušenosti s dihydroergotaminem Experiences with dihydroergotamine Casopis Lekarů Ceských 1948, 87/40 (1053-1057) Graphs 5

Dihydrogenated ergotamine (DHE<sub>45</sub>) is less toxic than ergotamine. DHE<sub>45</sub> abolishes and even reverses the oxytocic action of ergotamine. The doses must be individually chosen for each case. DHE<sub>45</sub> raises the skin temperature considerably. Promising results have been obtained in the therapy of Raynaud's and Buerger's diseases. Good results have been obtained in the treatment of constipation and cardiospasm. DHE<sub>45</sub> decreases the pulse and respiratory rates. The blood pressure is almost always lowered. Great caution is necessary in patients with myocardial infarction or angina pectoris. Combination with discoumarol therapy should be absolutely avoided.

Raskova - Prague

So: Excerpta Medica, Vol. II, No 7, Sec. II, July 1949

POKORNY, J.

1 Dihydroergocornine and its action. J. Pokorný. *Casopis Lékařů Českých* 88, 1218-20(1949).--The effect of dihydroergocornine (DEC) was tested in 110 cases. Up to a certain extent it has effects similar to those of ergotamine. DEC causes vasodilatation and betterment of peripheral blood circulation, thus increasing the temp. of the body surface. When applied in injections it especially produced (in about 80% of cases) lowering of the blood pressure--the greater the diastolic pressure, the greater is the decrease of the pressure. The decrease of pressure is greater in labile unfixated hypertension, while in cases with damaged renal function it is only slightly or not at all influenced. When administered per os the effect is not too pronounced because of more difficult absorption from the gastrointestinal tract. Electrocardiographic examn. shows that after administration of DEC there are no signs of coronary spasm even in cases of obvious myocardial disorder on a coronary sclerotic basis, while at the same time the general increase of the T wave is to be judged favorably. This effect, especially the influence on the blood pressure, is not of peripheral but of central origin (Rothlin). It is not caused only by the peripheral vasodilatation but by the depression of the vasomotor center or by the stimulation of the assumed vasodilatation center. In comparison with the action of dihydroergotamine, when DEC has been administered the secondary symptoms are slight.

Otto E. Loebstein

**POKORNY, J.**

**Endarteritis obliterans in women. Cas.lek.cesk. 89 no.21:609-612  
26 My '50. (CML 19:3)**

**1. Of the Fourth Internal Clinic of Charles University (Head --  
Prof. B.Prusik, M.D.).**

REINIS, Z.; HRABANE, J.; NEUMAN, J.; POKORNY, J.; KARASEK, F.; TRAVNICEK, T.;  
VANECEK, R.

Attempt to produce experimental atheroma by intravenous administration  
of colloidal cholesterol. Cas.lek.cesk. 90 no.23:694-698 8 June 1951.  
(CJML 20:9)

1. Of the Fourth Internal Clinic of Charles University (Z. Reinis,  
J. Hrabane, J. Neuman, J. Pokorny). 2. Of the Institute of Physiology  
of Charles University (F. Karasek, T. Travnicek). 3. Of the Second  
Institute of Pathology of Charles University (R. Vanecek).



REINIS, Z.; POKORNY, J.; MESTAN, J.F.

~~REINIS, Z.; POKORNY, J.; MESTAN, J.F.~~  
Clinical development of Buerger's disease. Cas. lek. cesk. 90  
no.23:709-713 9 June 1951. (CIML 20:9)

1. Of the Fourth Internal Clinic (Head--Prof. B. Prusik, M.D.).
2. Report on 15 years of continuous observation of 1195 patients (statistics).

13/ACR/10/11  
JELINEK, Vaclav; POKORNY, Josef; ZIKMUND, Emil

Vasomotor activity of nicotinic acid combined with tetraethylammonium bromide. Cas.lek.cesk. 91 no.20:597-599 16 May 52.

1. Z vyzkumneho ustavu pro farmacii a biochemii v Praze XII a ze IV. int. kliniky Karlovy university (predn. prof. MUDr B.Prusik) v Praze.

(NICOTINIC ACID, effects,  
on vasomotor activity, with tetraethylammonium bromide)  
(TETRAETHYLAMMONIUM, effects,  
on vasomotor activity, with nicotinic acid)

POKORNY, J.

HYNIE, Prof. Dr; CERMAK, L., Dr; GREGOR, O., Dr; POKORNY, J., Dr

Anticoagulant therapy of priapism with pelentan in chronic myeloid leukemia. Cas.lek.cesk. 91 no.44:1259-1260 31 Oct 52.

1. Ze IV. interni kliniky (prednosta: prof. dr. Prusik) a Sexuologickeho ustavu (prednosta: prof. dr Hynie).

(COUMARIN, derivatives,  
ethyl biscoumacetate, ther. of priapism in myeloid leukemia)

(PRIAPISM, therapy,  
ethyl biscoumacetate, in myeloid leukemia)

(LEUKEMIA, MYELOCYTIC, complications,  
priapism, ther., ethyl biscoumacetate)

POKORNY, JOSEF

REINIS, Zdenek, Doc. dr.; POKORNY, Josef, As.dr.

Pain of the upper extremity due to disorders of peripheral circulation. Prakt. lek. 34 no.13:294-295 Jy '54.

1. IV. interni klinika Karlovy university v Praze.  
(VASCULAR DISEASES, PERIPHERAL, manifestations,  
\*pain of upper extremities)  
(PAIN,  
\*arms, in peripheral vasc. dis.)  
(ARM, diseases,  
\*pain in peripheral vasc. dis.)

POKORNY, J., MUDr; NEUMAN, J., MUDr

Effect of certain vaso-active drugs on the peripheral vascular system. Cas. lek. cesk. 93 no.25:674-677 Je '54.

1. Ze IV. int. kliniky prof. Prusika  
(VASOMOTOR DRUGS, effects,  
\*on peripheral vessels)

POKORNY, Josef, MUDr; ZOULEK, Dimitrij, MUDr

Significance of pain in differential diagnosis of vascular disorders  
of the lower extremities. Prakt. lek., Praha 35 no.4:86-88 20 Feb 55

1. IV int. klin., predn. prof. dr. P. Prusik
  - (PAIN, in various diseases  
vasc. disord., of leg, significance in differ. diag.)
  - (LEG, blood supply  
vasc. disord., differ. diag., significance of pain)

*POKORNY J.*

Czechoslovakia/Pharmacology. Toxicology. Drugs Affecting U-5  
Blood Coagulation.

Abs Jour : Ref Zhur-Biol., No 7, 1958, 32936

Author : Reinis Z., Pokorny J., Hrabane J.

Inst : Not given

Title : Significance of Heparin in the Therapy of Arterio-  
sclerosis.

Orig Pub : Vnitřni lékařství, 1956, 2, No 5, 423-430

Abstract : Sixty-four patients, 12 of them with acute in-  
farct myocardia, 24 with prolonged infarct myo-  
cardia, 19 suffering from stenocardia, and 9 re-  
cuperating from lameness of the lower extremities  
were treated with heparin. In the cases of the acu-  
te infarct, heparin was administered intravenously  
200 mg daily for a period of about 10 days. The  
remainder of the patients received heparin in doses

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Abstract : of 100 mg twice a week for a period of one month.  
Improvement was noted in 70% of the patients, usu-  
ally after the first heparin injections. At the same  
time a return to the normal of the concentration of  
lipoproteins in the blood, a decrease in cholestere-  
nemia with a drop in the beta-globulin fraction when  
the method of electrophoresis was used in the inves-  
tigation was observed. An interruption in the the-  
rapy again caused an accumulation of lipoproteins  
in the blood and the patients resumed their com-  
plaints. In the presence of fresh thromboembolic  
complications prolonged therapy with large doses of  
heparin is indicated. Bibliography- 18 titles.

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341620016-7

Card 2/2

CERMAK, L.; POKORNY, J.; HOBZA, A.

Prothrombin time and heparin time during pelentan therapy. Polski tygod. lek. 11 no.37:1577-1578 10 Sept 56.

1. (Z IV Kliniki Chorob Wewnetrznych Uniwersytetu Karola w Pradze: kierownik: prof. dr. B. Prusik).

(PROTHROMBIN TIME, determination,  
during ethyl biscoumacetate ther. (Pol))

(HEPARIN,  
tolerance test during ethyl biscoumacetate ther. (Pol))

(ETHYL BISCOUMACETATE, therapeutic use,  
prothrombin time & heparin tolerance tests in (Pol))



POKORNY, J.; DULEK, D.; BARSOVA, M.

Generalized thromboangiitis obliterans & arteriosclerosis obliterans  
& their manifestations in the arms. Sborn. lek. 59 no.4:129-133 Apr 58.

1. IV. interni klinika fakulty vseobecneho lekarstvi Karlovy university  
v Praze, prednosta prof. Dr B. Prusik. J. P., Mecislavova 18, Praha-  
Nusle.

(THROMBOANGIITIS OBLITERANS, manifest.  
arm (Cz))

(ARTERIOSCLEROSIS OBLITERANS, manifest.  
arm (Cz))

ZOULEK, D.; ~~POKORNY, J.~~; BARESOVA, M.

Thromboangiitis obliterans & arteriosclerosis obliterans in women.  
Sborn. lek. 59 no.4:134-138 Apr 58.

1. IV. interni klinika fakulty vseobecneho lekarstvi Karlovy university  
v Praze, prednosta prof. Dr. B. Prusik. J. P., Mecislavova 18, Praha 14.  
(THROMBOANGIITIS OBLITERANS  
in women (Cz))  
(ARTERIOSCLEROSIS OBLITERANS  
in women (Cz))

STEPANEK, Miroslav; POKORNY, Josef

Practical knowledge of the bacteriomass and phytoplankton development  
in the Sedlice Reservoir during 1957-1958. Sbor pal vod VSChT 4  
no.1:333-378 '60. (EEAI 10:9)

1. Katedra technologie vody, Vysoka skola chemicko-technologicka,  
Praha a oddeleni hygieny vody Ustavy hygieny, Praha.

(Czechoslovakia--Water) (Czechoslovakia--Phytoplankton)  
(Czechoslovakia--Reservoirs)

POKORNY, Josef; TODOROVICOVA, Hana

Effect of the cold test and foods of different temperatures on peripheral vasomotor reactions in patients with peptic ulcer. Cas.lek. cesk 100 no.16:497-502 21 Ap '61.

1. IV interni klinika fakulty vseob. lekarstvi KU v Praze, prednosta prof. dr. Mojmir Fucik.

(PEPTIC ULCER diag) (COLD)  
(BLOOD VESSELS physiol)

POKORNY, Josef; STUCHLIKOVA, Eva; TENOROVA, Marta; SINDELAROVA, Irena

Determination of the serum LDH activity in peripheral circulatory disorders. Cas.lek.cesk 100 no.29/30:913-916 14 J1 '61.

1. IV. interni klinika KU v Praze, prednosta prof. MUDr. Mojmir Fucik Centralni laboratore KUNZ-KNV Praha, prednosta MUDr. Jan Hrabane.

(VASCULAR DISEASES PERIPHERAL blood)  
(DEHYDROGENASES blood)

KLAT, Frantisek; POSPISIL, Jaroslav; POKORNY, Josef

Production of exacting steel castings in bonding bentonite mixtures with water glass. Slevarenství 12 no.11:443-452 N '64.

1. Zdarské strojírny a slevárny, Zdar.

1 34679-66 EWP(t)/ETI IJP(c) JD

ACC NR: AF6025068

SOURCE CODE: C2/0043/65/000/008/0628/0633

AUTHOR: ~~Pokorny, Josef~~ Pokorny, Y. (Engineer; Prague)50  
BORG: Department of Inorganic Chemistry, Chemicalotechnical University, Prague (Katedra anorganické chemie Vysoké školy chemickotechnologické)TITLE: Contribution to the chemistry of rare elements (XVII). Hypophosphates of scandium, yttrium, and lanthanum

SOURCE: Chemické zvesti, no. 8, 1965, 628-634

TOPIC TAGS: rare earth metal, phosphate, lanthanum compound, scandium compound, yttrium compound, phosphoric acid, chemical composition, titrimetry, chemical decomposition, IR spectrum

ABSTRACT: The hypophosphates were prepared by dissolving Sc and Y hydroxide, and La carbonate in hypophosphoric acid. The composition of the salts corresponds to the formula  $M(H_2PO_2)_3$ . The composition was determined by conductometric methods, and by oscillometric titration. The investigated salts are crystalline substances, insoluble in water and organic solvents. The Sc hypophosphate decomposes under vacuum at 350°C, Y hypophosphate at 450°, and La salt at 300-350°C. Infrared spectra correspond basically to the anion spectrum. Orig. art. has: 3 figures and 1 table. [JPRS]

SUB CODE: 07 / SUBM DATE: 16Apr65 / ORIG REF: 002 / OTH REF: 004

Card 1/1 LS

SUB REF: 602

JEZKOVA, Zdenka; POKORNY, Josef

Immunological reactions and biochemical problems of the vascular wall in atherosclerosis. Vnitřní lek. 11 no.8:761-767 Ag '65.

1. Ústav hematologie a krevní transfuze (ředitel prof. MUDr. Jaroslav Horejsi, Dr.Sc.) a IV. vnitřní klinika Karlovy university (prednosta prof. MUDr. M. Fucik), Praha.



POKORNY, Josef, inz.

"Modern technique of documentation" by B.C. Vickery.  
Reviewed by Josef Pokorny. Vodni hosp 14 no.4:130 '64.

"Theoretical principles of organic chemistry" by T.I.  
Temnikova. Reviewed by Josef Pokorny. Ibid.:160

POKORNY, Vladimir, MVDr.

First International Congress of the Agricultural and Food  
Industry of Tropical and Subtropical Countries. Frum potravina  
15 no.4:190 Ap '64.

MACEK, Karel, inz.; POKORNY, Josef, inz., C.Sc.

Use of automation in the main building industries. Inz stavby 10  
no. 8:Suppl.: Mechanizace no.8:85-87 '62.

1. Vyzkumny ustav stavebni vyroby, Praha.

POKORNY, Josef, inž., CSc.

New system of preventive repair planning for building machines and equipment. Inz stavby 11 no.9:Suppl.:Mechanika no.9:134-144 '63.

1. Vyzkumny ustav pozemnich staveb, Praha.

43030

S/194/62/000/010/068/084  
A055/A126

9.25/11

AUTHORS: Štěpnička, Bořivoj, Řezanina, Ivo, Pokorný, Josef

TITLE: Cavity resonator with frequency control

PERIODICAL: Referativnyy zhurnal, Avtomatika i radioelektronika, no. 10, 1962, 85, abstract 10-7-169ts P (Czech. pat., cl. 21a<sup>4</sup>, 69, no. 97652, December 15, 1960)

TEXT: The patent concerns a cavity resonator for centimeter waves, where the frequency control is effected with the aid of a ferrite placed along the symmetry axis of the cavity. To reduce dielectric losses, the ferrite is oriented along the magnetic component of the field. With the aid of permanent magnetization, the working point of the ferrite is shifted into the region of minimum permanent attenuation, and the steepness, i.e., the dependence of the frequency variation on the magnetic field strength, is at its maximum. The magnetization magnitude depends on the ferrite characteristic and on the required frequency-range variation. The most advantageous conditions with respect to reduction of magnetic and dielectric losses are pointed out for position and shape of the fer-

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Cavity resonator with frequency control

S/194/62/000/010/068/084  
A055/A126

rite in the resonator cavity. The influence of the material and of the geometrical relations of the resonator walls is examined. The characteristics of the system and the diagrams of the fields are reproduced and the structure of the resonator (consisting of framework, ferrite, coil and permanent magnet) is described. The parameters of a real system used for stabilizing the microwave klystron frequency are given. When the volume of the cavity resonator changes, the geometrical relations must be constant. The possibility of using cavity resonators for other frequency ranges with different ferrite types is examined.

V.N.

[Abstracter's note: Complete translation]

Card 2/2

**Terpenes. XLVII. Synthesis of 1,7-dimethylazulene.**

**František Šorm and Josef Polorný (Prague, Czech.)**

*Chem. Listy 47, 63-9 (1952), Chem. Abstr. 8704h.*—An unequivocal synthesis of 1,7-dimethylazulene was carried out

by the following series of reactions: *Et 3-methyl-2-oxocyclopentane*

*carboxylate (I) → Et 3-methyl-2-oxo-1-(3-cyanopropyl)*

*cyclopentanebutyrate (II) → Et 3-methyl-2-oxocyclopentane*

*butyrate (III) → Et 3-methyl-2-carbomethoxymethylcyclo-*

*pentanebutyrate (IV) → Et 3-methyl-2-carbomethylcyclo-*

*pentanebutyrate (V) → the free acid (Va) → 8-methyl-*

*bicyclo[5.3.0]decane-5-one (VI) → 5,8-dimethylbicyclo[5.3.0]*

*decane-5-ol (VII) → 5,8-dimethylbicyclo[5.3.0]dec-4-ene (VIII)*

which gave 5,8-dimethylbicyclo[5.3.0]decane (IX) on hydro-

genation and 1,7-dimethylazulene (X) on dehydrogenation.

I (41 g.) (0.24 mole) was added in 3 portions to a suspension

of 6.2 g. (0.27 mole) Na dust in 250 ml. PhMe, the mixt.

refluxed 4 hrs. at 130°, the hot Na salt gel treated with 43.2

g. (0.27 mole) BrCH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>CN, heated 20 hrs. at 130°,

decomd. with H<sub>2</sub>O, and distd. *in vacuo*, yielding 43.0 g.

(77.6%) II, b.p. 128-30°. II (41.95 g.) hydrolyzed by re-

fluxing with 200 ml. coned. HCl 10 hrs. yielded 17.24 g.

(52%) 3-methyl-2-oxocyclopentanebutyric acid, m. 45-50°

[semicarbazone, m. 151-5° (from EtOH)], which gave

75.5% III, b.p. 93-9°, by esterification in the presence of

anhyd. HCl, and 94% III by azeotropic esterification

[semicarbazone, m. 150° (from EtOH)]. III (39.4 g.) and

24 g. Zn wool in 60 ml. dried PhMe treated with 10 ml.

BrCH<sub>2</sub>CO<sub>2</sub>Et, heated, treated with an addnl. 20 ml. Br-

CH<sub>2</sub>CO<sub>2</sub>Et, the mixt. refluxed 15 min., decomd. with ice

and 30 ml. 10% H<sub>2</sub>SO<sub>4</sub>, the org. layer extd. with ether, and

the ext. washed with aq. NaHCO<sub>3</sub>, dried, and distd., yielded

22.5 g. (43%) IV, b.p. 155-60°. IV (12.7 g.) esterified in

AcOH over 1 hr., gave 95% V, b.p. 121-1°. V (12.7 g.)

hydrolyzed with 120 ml. 10% NaOH and br. 50 ml. H<sub>2</sub>O,

gave 95% Va. The acid Va (2.23 g.) esterified with

150 mg. powd. Ba(OH)<sub>2</sub> and the mixt. refluxed 1 hr.

with aq. K<sub>2</sub>CO<sub>3</sub>, and again distd., gave 0.5 g. VI, b.p.

117-20° [semicarbazone, m. 210-10° (from EtOH)].

VI (0.5 g.) reduced with Grignard reagent from 735 mg.

Mg and 1 g. MeI, the oil ether treated with 1 g. VI in 8 ml.

ether, refluxed 5 hrs., decomd. with ice and NH<sub>4</sub>Cl, the distd.

(260 mg.) dehydrated by heating 20 min. at 180° with 20

mg. KHSO<sub>4</sub>, and the mixt. chromatographed gave 178 mg.

VIII, b.p. 97-100°. VIII (360 mg.) hydrogenated over 100

mg. PtO<sub>2</sub> in EtOH and AcOH gave 160 mg. IX, b.p. 76°.

Dehydrogenation of 3.17 g. VIII with 1.87 g. S by heating

40 min. at 230° gave, after chromatography, 70 mg. X

[C<sub>15</sub>H<sub>12</sub>(NO<sub>2</sub>)<sub>2</sub> complex, m. 158°]. Infrared and ultra-

violet spectra of X are given. XLVIII. Constitution

of  $\alpha$ - and  $\beta$ -cadinene. Vlastimil Herout and František

Šantavý. *Ibid.* 70-5.—By ozonization,  $\alpha$ -cadinene from

ylang-ylang oil was identified as 5,8-dimethylbicyclo[5.3.0]

decane (I). On the basis of its reaction with MeMgBr and MeLi,

$\delta$ -cadinene was supposed to be 5-isopropyl-2,8-dimethyl-

bicyclo[4.1.0]decane-1,7-dione (II) and in AcOEt ozonized 5.5

hrs. with 3% O<sub>3</sub> gave a diketone, which by chromatog-

raphy, approx. 45% of a diketone, C<sub>15</sub>H<sub>20</sub>O<sub>2</sub> (III) was

obtained [from C<sub>15</sub>H<sub>20</sub> petr. ether (1:4)], believed to be bicyclo[4.1.0]decane-2,3-

dione (III) [diacetyl, m. 110-11° (from EtOH-petr. ether);

disemicarbazone, m. 150° (from EtOH-petr. ether)].

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EtOH).  $\delta$ -Cadinene isolated from citronella oil treated with peroxyphthalic acid in ether gave after evapn. of the ether and chromatography  $\delta$ -cadinene dioxide, m. 89.5-4.5° (from petr. ether),  $[\alpha]_D^{25}$  13.3°, and an oxide diol,  $C_{15}H_{24}O_2$ , m. 128.5-9.5° (from  $C_6H_6$ -petr. ether (3:1)),  $[\alpha]_D^{25}$  1.7°. The dioxide of II was refluxed with MeMgBr in ether 16 hrs., 120 hrs., and in dioxane 6 hrs.; in all 3 instances, unchanged starting material was recovered; refluxing the dioxide of II 48 hrs. with MeLi gave the same result. The infrared spectrum of III is given. XLIX. Sesquiterpenes of the cadinane type in Javanese citronella oil. Vlastimil Herout, Tibor Kolos, and Josef Pllva. *Ibid.* 430-8.—Two pure sesquiterpenes,  $\gamma$ -cadinene and  $\delta$ -cadinene, have been isolated from *Javanese citronella oil* (I). The formula suggested for  $\gamma$ -cadinene in the literature (C.A. 27, 280) is challenged. No acyclic sesquic citronellene was found in the oil investigated. Fractionation and chromatography of I gave fractions contg.  $\delta$ -cadinene (II),  $d_4^{20}$  0.9175,  $n_D^{20}$  1.5086,  $[\alpha]_D^{25}$  93.8°,  $\log \epsilon$  (240 m $\mu$ ) 2.55; hydrogenation of which gave cadinane,  $d_4^{20}$  0.8920,  $n_D^{20}$  1.4792,  $[\alpha]_D^{25}$  4.3°. II and HCl at -20° gave (-)-cadinene-2HCl, m. 117-18° (from EtOH),  $[\alpha]_D^{25}$  -37.8°. Fraction contg. isocadinene gave by hydrogenation a compd.,  $d_4^{20}$  0.8852,  $n_D^{20}$  1.4773.  $\gamma$ -Cadinene,  $d_4^{20}$  0.9125,  $n_D^{20}$  1.5075,  $[\alpha]_D^{25}$  147.9°,  $\log \epsilon$  (240 m $\mu$ ) 2.25. The cadinane and cadinene-2HCl prepd. from  $\gamma$ -cadinene were identical with the products prepd. from  $\delta$ -cadinene.

M. Hudlický



POKORNY, JOSEF

CZECHOSLOVAKIA/Inorganic Chemistry - Complex Compounds.

C.

Abs Jour : Ref Zhur - Khimiya, No 11, 1958, 35651

Author : Petru Frantisek, Pokorny Josef

Inst : -

Title : The Obtaining of Alkali Metal Nitrites on a Laboratory Basis.

Orig Pub : Chem. Listy, 1957, 51, No 5, 964-965

Abstract : The derivation of  $\text{LiNO}_2 \cdot \text{H}_2\text{O}$ ,  $\text{NaNO}_2$ ,  $\text{KNO}_2$ ,  $\text{RbNO}_2$  and  $\text{CsNO}_2$  through the interaction of ethyl-nitrite with hydroxides of the corresponding alkaline metals, is described. To an alcoholic solution of hydroxide has been added a freshly distilled ethyl-nitrite. The mixture has been preserved for two days (48 hours). The volatile elements have been driven off in a vacuum and the remaining nitrite (yield 91 to 96%) recrystallized from the water. The purity of the obtained compounds amounted

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CZECHOSLOVAKIA/Inorganic Chemistry - Complex Compounds.

C.

Abs Jour : Ref Zhur - Khimiya, No 11,1958, 35651

to 99.5 - 99.87%. 50% alcohol has been applied in the  
case of  $\text{LiNO}_2$ .

Card 2/2

POKORNY, Josef

Prague, Czechoslovakia

" Die neue Technik der Isolierung von Mykolsaure aus dem *The-Mycobacterium*,"  
by Josef POKORNY, Tuberkulose-Forschungsinstitut zu Prag (Direktor: Doz.  
Dr. R. KRIVINKA).

SOURCE: Die Naturwissenschaften, 15 Aug 56, Unclassified.

Z/008/61/000/011/001/003

E192/E382

**AUTHORS:** Pokorný, Josef and Bukovnický, Jaroslav

**TITLE:** Electronic methods in chemistry III. Electronic control of large powers

**PERIODICAL:** Chemické listy, no. 11, 1961, 1294 - 1296

**TEXT:** The device described permits control of comparatively large AC powers over a wide range. A detailed circuit diagram of the equipment is given in Fig. 1. The system can be regarded as an electronic "variac". The principal elements of the device are two metal thyratrons, type Tk 001 MEZ (tube T1 and T2), which are connected in such a way as to permit control of AC over a large portion of the sinusoidal waveform. The thyratrons are triodes and the control voltage to their grids is obtained from the outputs of the transformer Tr 2. The grids of the thyratrons are provided with 30 k $\Omega$  protective resistors, R5 and R6. The control voltage at the grids varies from 100 mV to 100 V, the grid current being the smallest at the full output power; on the other hand, the grid current is about 2 mA at the minimum output voltage. The primary of the

Card 1/4

✓  
-

Electronic methods ....

Z/008/61/000/011/001/003  
E192/E382

transformer is driven by a power-amplifier, based on E1 , which amplifies the voltage obtained from the phase bridge consisting of the capacitor C2 and variable resistor P1 (50 k $\Omega$ ). The second potentiometer P2 = 100 k $\Omega$  is used to set the optimum operating point. The supply voltage for the amplifier is obtained from the half-wave selenium rectifier, which is furnished with a single-condenser filter (C1) . The anode current of the amplifier is set at 10 mA for the maximum output voltage. The thyratrons are heated by the transformer Tr1 , which is furnished with three windings. The variac is also provided with a thermal relay TH. D1 and D2 are two neon indicators. The control range of the variac is 1 - 10, i.e. 20 - 200 V, at 10 A; the device can be temporarily overloaded up to 15 A. There are 1 figure and 3 references: 2 Soviet-bloc and 1 non-Soviet-bloc. ✓

Card 2/4

Electronic methods ....

Z/008/61/000/011/001/003  
E192/E382

ASSOCIATION: Katedra anorganické chemie, Vysoká škola  
chemicko-technologická, Praha  
(Department of Inorganic Chemistry, Chemical-  
technological University, Prague)

SUBMITTED: December 3, 1960

Card 3/4

MASTERA, Lubomir, promovany geolog; POKORNY, Joel, RNDr.; VESELY, Jaroslav,  
promovany geolog

Regional metallometry of the Nasavrky plutonic rock, Geol pruzkum  
7 no.2:43-45 F '65.

1. Geologicky pruzkum National Enterprise Brno, Branch Jihlava.

POKORNY, K.

CA ✓ Problems of modern emulsion technique in view of the a  
action of trace elements, K. Pokorny. *Phot. Korr.* 91.  
165-7(1965). F. H. James

*and Shapiro*  
*RMA*



POKORNY, K.

Pokorny, K.

Our tractor operators do not fear the tasks which are expected of them. p. 219.

Vol. 5, no. 12, June 1955  
MECHANISACE ZEMEDILSTVI

SO: Monthly List of East European Accession, (EEAL), LC, Vol. 4, No. 9,  
Sept. 1955, Uncl.

POKORNY, K.; GALUSKA, M.

Perfect maintenance of machinery. p.333.

MECHANISACE ZEMEDELSTVI. (Minsterstvo zemedelstvi) Praha

Vol. 5, no. 17, Sept. 1955

East European Accessions List

Vol. 5 No. 1

Jan. 1956

BARTOK, Istvan; TOSZEGI, Anna; POKORNY, Lajos

Diphosphopyridine nucleotide-diaphorase activity in the re-  
generation of healthy and cirrhotic livers. Kiserl. orvostud.  
16 no.1:83-89 Ja'64.

1. Szegedi Orvostudományi Egyetem Korbonctani es Korszovet-  
tani Intezete.

\*

HUNGARY

BARA, (BACHRACH), Denes, LASZLO, Aranka, POKORNY, Lajos; Medical University of Szeged, Pathological Anatomy and Pathohistological Institute (Szegedi Orvostudományi Egyetem, Korbonctani es Korszovettani Intezet).

"The Effect of Chronic Cerebral Lesions on the Neurosecretory Activity of Albino Rats."

Budapest, Kiserletes Orvostudomány, Vol XV, No 4, Aug 1963, pages 439-445.

Abstract: [Authors' German summary] The effect of chronic electrolytic cerebral lesions on the neurosecretory activity of albino rats has been investigated by the authors. The observations and results of previous research conducted by the authors indicate that: the neurosecretory saliva-producing ability of the nerve lobes is decreased with increasing intensity by lesions localized above the paraventricular (P.V.) nuclei, by complete destruction of the P.V. nuclei and, furthermore, by injuries reaching the tractus supraopticohypophyseus. No deviations were observed by the destruction of the middle and dorsal hypothalamic nuclei, unilateral or partial destruction of P.V. nuclei, lesions behind the level of these nuclei on the hypothalamic-thalamic border, and high thalamic lesions. 7 Hungarian, 21 Western references.

1/1

9

BARA, (Bachrach) Denez; LASZLO, Aranka; POKORNY, Lajos

The effect of chronic brain lesions on the neurosecretory activity in white rats. Kiserl. orvostud. 15 no.4:439-445 Ag '63.

1. Szegedi Orvostudományi Egyetem Kóronctani és Korszorvettani Intézete.

(BRAIN DAMAGE, CHRONIC) (METHYLTHIOURACIL)  
(THYROIDECTOMY) (HYPOTHALAMUS) (OPTIC NERVE)  
(PERIPHERAL NERVES) (PATHOLOGY)

POKORNY, Lajos, dr.; SZONYI, Ferenc, dr.

Studies on old-age pathology. Orv hetil 101 no.23:817-820  
5 Je '60.

1. Szegedi Orvostudományi Egyetem, Korbonctani es Korszozettani  
Intezet.  
(GERIATRICS statist.)

L 13528-66

ACC NR: AP6006635

SOURCE CODE: HU/0021/65/0001/0001/0001

AUTHOR: Fokorny, Lajos Fokorny, L. (Doctor)

14 B

ORG: Radiological Clinic, Medical University of Szeged (Szegedi Orvosi Tudományi Egyetem, Röntgen Klinika)

TITLE: Cancer of the mammary gland with metastases to the stomach and the other gland

SOURCE: Magyar radiologia, no. 2, 1965, 94-98

TOPIC TAGS: carcinoma, histology, digestive system, gland, gastroenterology, surgery, pathology

ABSTRACT: One year after the removal of the right mammary gland, metastases appeared in the left gland and in the stomach of a 25 year old woman patient. These changes were also verified by histological examinations. On the basis of these histological examinations, both metastases were related to the primary tumor in the right gland. The possibility of such metastases must be taken into consideration when gastro complaints appear in a woman suffering from breast cancer. Orig. art. has: 6 figures. [JRS]

SUB CODE: 06 / SUBM DATE: none / OTH REF: 019

Card 1/1 HW

POKORNY, Lubomir

Process of screw segment production. Slevarenstvi 9 no.12:  
475-476 D '61.

1. Zavody V. I. Lenina, Plzen.



POKORNY, Lubomir

Use of profile milling machines for groove milling of  
non-plane surfaces. Slevarenstvi 10 no.2:57-59 F '62

POKORNY, Lubomir

Technical process of making gear wheel models. Slevarenstvi ll no.2:  
68-70 F '63.

1. Zavody V.I. Lenina, Plzen.

POKORNY, Lubomir

Technical proceeding in making a single-thread crew with  
rectangular section of blade. Slevarenstvi 10 no.5:178-179  
My '62.

1. Zavody V.I. Lenina, Plzen.

CZECHOSLOVAKIA

HAMP, V., and POKORNY, M. [affiliation not given].

"Discussion on the Difference in Pathogenic Manifestations  
in Ulcers and Hypertension"

Prague, Časopis Lékařů Českých, Vol CII, No 22, 31 May 63,  
pp 613-614.

Abstract: Remarks on an article by L. CISAR and M. POKORNY,  
in this periodical, Vol CI, No 44, 1962, p 1319. Discussed  
are findings made during examinations of railroad workers.  
Emphasized is the fact that there is an interdependence  
between the two diseases.

1/1

CZECHOSLOVAKIA

Prague, Casopis Lekarů Českých, Vol 105, No 24-25, 17 Jun 66, pp 683-684

Abstract: Computer evaluation of data obtained in the study of acute infarct of the myocardium is described. 280 indicators were used which allowed the use of 2200 characteristic codes. A 50 page code was prepared. All 280 indicators use numbers 1 to 9, and data on one patient are contained on 4 cards. The first problem is the determination of the frequency of correlation complexes of the most important signs of an acute myocardial infarct. 2 Western references

2/2

- 9 -

CZECHOSLOVAKIA

POKORNY, M; Docent MD, CSc; ZACEK, V.

1. Factory Institute of People's Health of V. I. Lenin  
(Zavodni ustav narodniho zdravi V. I. Lenina), Plzen;
2. Tuberculosis Department SFN (Tuberkulosni odd. SFN),  
Plzen

Prague, Vnitrni Lekarstvi, No 9, 1964, pp 913-916

"Isolated Endobronchial Metastases of Extrapulmonary  
Tumors."

POPOVNY, Milya as, Ind.

A solved task on top cultivation. Vest dat zamedel II no.6:227 '64.

POKORNY, Mikulas, inz.

Cooperation of hop research workers with practice. Vest ust  
zemedel 10 no.8:299-300 '63.



MUSIL, Frantisek; POKORNY, Milos. Techniska spoluprace: KUNESOVA, Marie

Experience with heparin Spofa linguets in atherosclerosis.  
Vnitřni lek. 11 no.12:1198-1202 D ' 65.

1. Ustředni biochemicka laborator ZUNZ LZ Plzen (prednosta -  
MUDr. Frantisek Musil) i Vnitřni oddeleni ZUNZ LZ Plzen (pred-  
nosta - doc. MUDr. Milos Pokorny, CSc.)

ACC NR: AP6025858

SOURCE CODE: CZ/0023/65/009/003/0250/0258

AUTHOR: Pokorny, Milan

ORG: Geophysical Institute, CSAV, Prague

43  
B

TITLE: Variation of velocity and attenuation of longitudinal waves during the solid-liquid and liquid-solid transition in Wood's alloy

SOURCE: Studia geophysica et geodaetica, v. 9, no. 3, 1965, 250-258

TOPIC TAGS: ultrasonic wave, alloy, melting point

ABSTRACT: The paper reports the results of a study of variations of the velocity and attenuation of longitudinal waves during the solid-liquid and liquid-solid transitions in Wood's alloy, which was selected on account of its low melting point and the relative complexity of its system. The measurements were made by a pulse method in a 1-Mc frequency range. The results are compared with those obtained by Shimozuru. The author thanks Professor A. Zatopek for valuable discussions. He also thanks Doctor J. Vanek and Engineer Z. Pros for help and discussions during the experiment. Orig. art. has: 5 figures. [JPRS: 32,859]

SUB CODE: 20 / SUM DATE: 02Nov64 / ORIG REF: 002 / OTH REF: 004

Low Melting Liquid Metal

Card 1/1 OLR

18

0716 0989

CISAR, Ludvik; POKORNY, Milos

On the problem of the difference in the pathogenetic mechanisms of  
ulcer and hypertension. Cas. lek. cesk. 101 no.44:1319-1323 2 N '62.

1. Zavodni ustav narodniho zdravi zavoda V.I. Lenina v Plzni, interni  
oddeleni luzkove, prednosta MUDr. M. Pokorny.

(PEPTIC ULCER) (HYPERTENSION) (HEPATITIS INFECTION)

FOLDA, Jindřich, Prim. Dr; POKOJNÝ, Miloš, Prim. Dr.

Czechoslovakia

Internal Medicine Ward of the Factory Hospital ZUNZ --  
Pilsen (Vnitřní oddělení závodní nemocnice ZUNZ --  
Plzeň); Head: M. POKOJNÝ, Prim. Dr; X-ray Ward  
of the Factory Hospital ZUNZ -- Pilsen (Rtg  
oddělení závodní nemocnice ZUNZ -- Plzeň); Head:  
J. FOLDA, Prim. Dr.

Prague, Vnitřní lékařství, No IX-2, 1968, pp 124-130

"Acute Pneumonias in Workers in the Heavy Engineering  
Industry."

POKORNY, Miroslav

Earthmovers used for subsoil stabilization in building modern roads and airports. Inz stavby 10 no.12:Suppl.:Mechanizace no.12:140-142 '62.

1. Pozemni stavby, Vyzkumny ustav stavebnich a keramickych stroju, Brno.

POKORNY, Miloslav; WEISS, Jaroslav; DVOŘAK, Jaroslav; DLABAC, Mikulas; PESL,  
Vaclav; PELISEK, Josef

Fourteenth Congress of the Czechoslovak Society of Mineralogy  
and Geology in Brno, 1963. Cas min geol 9 no.2:251-256 '64.

POKORNY, Miroslav

Notes on the nomenclature of electric connections, conductors and lines. Energetika Cz 13 no.2:106-107 F '63.

1. Elektromontazne zavody, n.p., Bratislava.

POKORNY, Miroslav

Multirotor earth cutters and stabilizers for road construction.  
Pt.3. Inz stavby ll no.1;Suppl.: Mechanizace no.1:11-14 43.

1. Pozemni stavby, Vyzkumny ustav stavebnich a keramickych  
stroju, Brno.



POKORNY, Milos; CISAR, Ludvik

Cholecystocoronary syndrome. Plzen. lek. sborn. 24:67-75 '64.

1. Interni odd. zavodni nemocnice Zavodniho ustavu narodniho zdravi Leninovych zavodu v Plzni (prednosta: doc. dr. M. Pokorny, CSc.).

POKORNY, Miroslav

Place for the explanations on drawings. Elektrotechnik 17  
no.10:287-289 0 '62.

1. Elektromontazni zavody, n.p., Bratislava.

POKORNY, Miroslav (Bratislava)

Short-circuit data should be included in orders of low-tension current distributors. Elektrotechnik 17 no.2:41-43 F '62.

POKORNY, M.; KOENIGSMARKOVA, D.; PONCOVA, V.

Treatment of infectious hepatitis with horse-radish. Cas.lek.cesk.  
90 no.11:338-341 16 Mar 1951. (CJML 20:7)

1. Of the Internal Department of the State Regional Hospital in  
Susice.

*POKORNY M.*  
HORACKOVA, M.; POKORNY, M.

Endemic goiter in Susice. Cas. lek. cesk. 90 no.26:799-804.  
29 June 1951. (CIHL 21:1)

1. Of the Institute of Social Medicine (Head -- Prof. V. Prosek, M.D.) and of the Internal Department of the Regional Hospital in Susice (Head -- M. Pokorny, M.D.).

Pokorny, M.

HORACKOVA, M.; HRUBCKOVA, M.; JIROVEC, O.; POKORNY, M.

Survey of school children in Susice for parasites in 1950.  
Pediat. listy, Praha 7 no. 4:207-211 July-Aug 1952. (CML 23:1)

1. Of the Institute of Social Medicine (Head--Prof. V. Presek, M. D.) and of the Institute of Parasitology and Protozoology (Head Prof. O. Jirovec, M.D.), Charles University in Prague and of the Internal Department (Head--M. Pokorny, M.D.) of Susice Hospital.

POKORNY, Milos, Prim. MUDr

Effect of meteorological factors on coronary diseases. Cas.lek.  
cesk. 91 no.34:977-982 22 Aug 52.

1. Z interniho oddeleni statni nemocnice v Susici. Prim. MUDr  
Milos Pokorny.

(CORONARY DISEASE, physiology,  
eff. of meteorol. factors)

(CLIMATE, effects,  
on coronary dis.)

POKORNY, Milos, Primar MUDr

Favorable effect of jaundice on bronchial asthma. Cas.lek.cesk.  
91 no.39:1123-1126 26 Sept 52.

1. Z int. odd. luzkove slozky OUNZ Susice.  
(ASTHMA, complications,  
jaundice, favorable eff. on course of asthma)  
(JAUNDICE, complications,  
asthma, favorable eff. on course of asthma)



POKORNY, Milos

POKORNY, Milos, Prim. MUDr; PONCOVA, Venceslava, MUDr

Asthma and the climate. Prakt. lek. 34 no.10:228-230 Ap '54.

1. Z interniho oddel. okres. nemocnice OUNZ Susice.

(ASTHMA

\*eff. of climate)

(CLIMATE, effects

\*on asthma)

POKORNY, Milos, MUDr, primar

Clinic of pre-infarct conditions. Prakt. lek., Praha 35 no.6:127-  
130 20 Mar 55.

1. Z intern. odd. okr. nemocn. v Susici.  
(CORONARY DISEASES  
pre-infarct condition, clin. aspect)

EXCERPTA MEDICA Sec. 7 Vol. 9/10 Oct. 55  
POKORNY, M.

2147. POKORNÝ M., KOENIGSMARKOVÁ D. and PONCOVÁ V. Int. odd. okres. nemocnice, Sušici. \*Paroxysmy Jacksonovy epilepsie u infekční hepatitidy. Paroxysms of Jackson's epilepsy in infectious hepatitis ČAS. LÉK. ČES. 1955, 94/6 (142-144)

A case is described starting with a sensitive aura. In the post-paroxysmal state changes of the psychical state, myalgia and transitory hemiparesis were observed. The fits appeared and disappeared in chronological connection with the hepatitis and were overcome by barbiturates during the treatment of the hepatitis. A detailed neurological examination excluded an organic impairment of the brain. It is presumed that the paroxysms were provoked by transitory pathological changes of layers in the cortex together with a diffuse toxic damage of the brain, which increased its tendency towards paroxysms. They presume that there was an encephalitis of the layers, but they do not exclude a local disturbance of the vessels, possibly from a toxicoinfectious damage by a serious insufficiency of the liver.

Kluska - Brno (XX, 6, 7, 8)

EXCERPTA MEDICA Sec.6 Vol.11/1 Internal Med. Jan 57

*POKORNÝ M.*

677. POKORNÝ M. and KUČEROVÁ I. Int. Odd. Okresní Nemocnice OÚNZ, Sušice. \*O sdružení vředové choroby s průduškovým astmatem. The association of ulcer disease with bronchial asthma VNITŘ. LÉK. 1956, 2/8 (734-739) .

Association of ulcer disease with bronchial asthma is by no means rare. Twenty-two cases of this type were followed up. The number of men was considerably greater than that of women (19:3). The investigation revealed the influence of heredity, psychasthenia, hypermotivity, vegetative dystonia. Synchronization of both conditions was rare, alternations were more frequent. One condition by its appearance frequently suppressed the manifestations of the other. A series of clinical experiences is reported. These observations are of importance in understanding the pathogenesis of both conditions. A review of the evolution of theories on pathogenesis of both conditions is given. Cortico-visceral conception in the sense of Bykov, and a theory of dominanta explain the pathogenetic mechanism of these associated syndromes, which themselves are their clinical confirmation.

(VI, 15)

POKORNY, Milos, Prim., MUDr.; KUCEROVA, L., MUDr.; BERKA, MUDr.;  
ANDRLE, MUDr.

Chronic bronchitis and emphysema in workers of state farms.  
Pracovni lek. 8 no.4:276-281 Aug 56.

1. Z int. odd. okresni nemocnice OUNZ Susice.  
(BRONCHITIS, epidemiology,  
in Czech., in agricultural workers (Cz))  
(EMPHYSEMA, PULMONARY, epidemiology,  
same)

EXCERPTA MEDICA Sec 17 Vol 5/12 Public Health Dec 59

3846. CHRONIC BRONCHITIS AND EMPHYSEMA IN FOREST EMPLOYEES -  
Chronická bronchitida a rozedma plic u lesních zaměstnanců - Pokorný M.,  
Kušera M., Kučerová I. and Paroulek J. Vnitřní Odd. Okresního  
Úst. Národního Zdraví, Susiše, - VNITŘNÍ LEK 1959, 5/2 (118-127) Graphs 2  
Tables 1 illus. 3

Within the scope of investigation of chronic bronchitis and emphysema 237 employees of forest establishments Káperské Hory were examined. Clinical findings and examination of lung function were evaluated. It was ascertained that on the whole the frequency and severity of the above mentioned chronic diseases of the respiratory tract do not exceed convincingly the national average. Causal noxae in question were discussed and conclusions for prevention quoted.  
(XVII, 19\*)

POKORNY, Milos; KUCERA, Miloslav

Attempted pharmacological influence in epigastralgia in tractor operators. Pracovni lek. 12 no.6:286-291 J1 '60.

1. Interni odd. OUNZ v Susici, prednosta dr. M. Pokorny; Interni ambulatorium OUNZ-Horazdovice, okresni internista dr. M. Kucera.  
(ABDOMEN dis.)  
(OCCUPATIONAL DISEASES thar.)

POKORNY, Milos

CZECHOSLOVAKIA

MD

Director of Internal Deptment of Factory Hospital  
ZUNZ Lenin Works (Leninovy Zavody), Plzen.

Prague, Prakticky Lekar, No. 18, 1962, 797-799

"Ischemic Heart Disease of Employees in Heavy Industry"

Co-authors:

CISAR, Ludvik, Engr, Internal Department of  
Factory Hospital ZUNZ Lenin Works, Plzen.

DUROVA, Bozena, MD, same.



POKORNY, Mikulas, inz.

Solved research tasks concerning hop cultivation. Vestnik CSAZV 8  
no.10:560-562 '61.

1. Vyzkumny ustav chmelarsky Ceskoslovenske akademie zemedelskych  
ved, Zatec.

(Hops)

POKORNY, Miroslav

Remarks on the article "Method of protection against a dangerous contact voltage in the Vychodolsovenske zelezarny, and our regulations." Energetika Cz 13 no.9:497-498 S '63.

1. Elektromontazne zavody, Bratislava.

POKORNY, Miroslav

Earth cutter for subsoil stabilization in building roads and airports. (To be contd.). Inz stavby 10 no.11:Suppl.:  
Mechanizace no.11:134-136 '62.

1. Pozemni stavby, Vyzkumny ustav stavebnich a keramickych stroju,  
Brno.

POKORNY, O., inz.

Calculating rectification curves and dynamic conductivity  
elements of tunnel diodes by means of the Bessel functions.  
Slaboproudý obzor 24 no.4:246-247 Ap '63.

L 15229-65 EWP(t)/EWP(b) JD  
ACCESSION NR: AP4045060

Z/0032/64/014/009/0711/0711

AUTHOR: Kacirek, R. (Engineer) (Prague); Fryc, R. (Prague); Zavazal, Z. (Prague);  
Pokorny, O. (Engineer) (Prague)

TITLE: Method for forming platings from soft metals. No. 109236

SOURCE: Strojirenstvi, v. 14, no. <sup>10</sup>9, 1964, 711

TOPIC TAGS: soft metal plating, semifinished product, cold forming

ABSTRACT: A Czechoslovak data has been issued for a simple and high-quality method for applying soft-metal platings to parts made by cold forming. A foil of soft metal of previously determined size and shape is placed in the press on the degreased surface of the semifinished product, and during forming by the press both metals are brought into perfect bond. Orig. art. has: 1 figure.

ASSOCIATION: none

SUBMITTED: 31Oct62

ENCL: 01

SUB CODE: MM

NO REF SOV: 000  
Card 1/2

OTHER: 000

L 15229-65  
ACCESSION NR: AP4045060

ENCLOSURE: 01

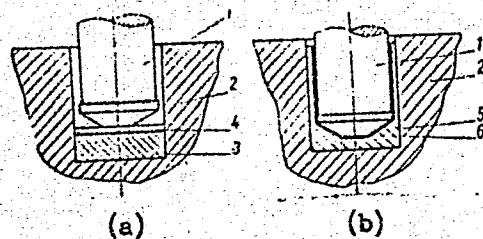


Fig. 1. Press for plating with soft metals (a - before cold-molding; b - after cold-molding and plating)

1 - Mold; 2 - press; 3 - metal for part to be cold-molded;  
4 - foil; 5 - finished cold-molded part; 6 - soft-metal plating.

Card 2/2

POKORNY, O.

"Introduction to toponymics" by Vladimir Smlauer. Reviewed by O.Pokorny. Sber zem 70 no.1:37 '65.

"Geographical names; correctly pronounced" by Heinrich Taubert. Reviewed by O.Pokorny. Ibid.:88

"Applied geography in Belgium." Reviewed by O.Pokorny. Ibid.:96

"Names of German cities" by Rudolf Fischer, Ernst Fichler, Horst Naumann, Hans Walther. Reviewed by O.Pokorny. Ibid.: 96

L 00277-66

71A(h)

ACCESSION NR: AP5023914

CZ/0039/64/025/009/0555/0556

AUTHOR: Mikula, Vladimir (Engineer); Pokorný, Otakar (Engineer) 25 2

TITLE: Direct intermediate parametric amplifier with a capacitance diode

SOURCE: Slaboproudý obzor, v. 25, no. 9, 1964, 555-556 <sup>25</sup>

TOPIC TAGS: parametric amplifier, amplifier design, semiconductor diode

ABSTRACT: Formulas are presented for deriving characteristic values of the amplifier by means of the admittance matrix. Included are an equivalent diagram of the direct intermediate nongenerated parametric amplifier with a capacitance diode and the basic diagram of an experimental parametric amplifier. Orit. art. has: 2 figures, 6 formulas and 3 graphs.

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: EC

NR REF SOV: 000

OTHER: 004

JPRS

Card 1/1 20



CAJKA, Josef, prof. inž. CSc.; POKORNY, Otakar, inž. CSc.; MIKULA, Vladimir,  
inž.

Solution of circuits with noninertial parametric n-poles in  
the stationary state by the matrix method. *ED* *sch cas 16*  
no.4:193-200 '65.

1. Antonín Zapotocký Military Academy, Brno. Submitted September  
5, 1964.

CAJKA, Josef, prof. inz. CSc.; POKORNY Otakar, inz.

Matrix method of solving circuits with parametric dipoles  
in the steady state. El tech cas 15 no. 6:321-331 '64.

1. Antonin Zapotocky Military Academy, Brno.

L 12865-65 AFWL/ASD(a)-5/SSD/BSO/AFETR/RAEM(a)/RAEM(1)/ESD(c)/ESD(dp)/ESD(gs)  
ACCESSION NR: AP4044985 Z/0039/64/025/009/0537/0542

AUTHORS: Pokorny, Otakar (Engineer); Mikula, Vladimir (Engineer) *B*

TITLE: Use of auxiliary circuits for the analysis of transmission systems with parametric one-ports

SOURCE: Slaboproudý obzor, v. 25, no. 9, 1964, 537-542

TOPIC TAGS: parametric amplifier, frequency converter, transistorized circuit, circuit theory

ABSTRACT: In view of the complexity of the differential equations describing the relation between the pumping voltage source and a parametric amplifier, or a similar system in which a parametric one-port network interacts with a number of alternating voltage sources whose frequencies form a well defined spectrum, the author employs a quasilinear approach which enables him to make use of an auxiliary equivalent circuit of the one-port network, and consequently write

Card 1/2

L 12865-65

ACCESSION NR: AP4044985

0

down a complete or simplified admittance matrix of the entire system, which can then be used to determine the various voltages and currents. A method of determining the admittance matrix rapidly from the auxiliary equivalent circuits is described. Orig. art. has: 15 figures and 12 formulas.

ASSOCIATION: None

SUBMITTED: 30Jan64

ENCL: 00

SUB CODE: EC

NR REF SOV: 002

OTHER: 007

Card 2/2

POKORNY, O.; RIEDLOVA, M.

Third Congress of the Slovak Geographical Society in Kosice.  
Sbor zem 70 no.1:83-85 '65.

POKORNY, O., inz.

Parametric admittance as a system of quasilinear circuits  
with  $n$  contact sides. Slaboproudy obzer 25 no.1:58-59  
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Uncl.

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INVENTOR: Soucek, Jiri (Engineer; Benesov u Prahy); Hapl, K. (Vlasim); Smaus, F. (Benesov u Prahy); Skvor, J. (Engineer; Uvaly); Bezouska, V. (Pruhonice); Hrdlicka, J. (Prague); Pokorny, O. (Prague); Zavazal, Z. (Prague); Smetana, J. (Prague)

72  
B

ORG: none

TITLE: (Thermal expansion compensator for semiconductor system) CZ Pat. No. PV 1827-64

SOURCE: Vynalez, no. 10, 1965, 11

TOPIC TAGS: electrode, semiconductor device, thermal expansion

ABSTRACT: The electrode of the housing of a semiconductor system which is vacuum (hermetically) tight secured by means of the electrical insulating part to the base housing forming the other electrode which has positioned inside it a channel or duct sealed from the outside to which is introduced inside the housing a positioned expansion member constituting an electrical connection between the electrode and the semiconductor system feature in the device described here. The electrodes protrude from the housing in such a way that to the expansion member fixed to it can be secured deformation electrodes from the outside and that a conductor can be attached to them

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from the outside. This arrangement is distinguished by the fact that the electrodes and the conductor connected to it are enclosed by the housing fixed to the conductor and the deformation electrode. The deformation of the housing at the point where it touches the electrode proceeds to such a depth that the electrode and expansion member are deformed simultaneously.

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Source: Prague, Sbornik Ceskoslovenske Spolecnosti Zemepisne, Vol 66, No 4, 61. pp 383.

Data: Czech School Maps, 1848-1918 (Ceske skolni nastene mapy v letech 1848-1918). Prague, 1960. 14 pages.

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