

KAPLAN, I.M., inzh.

Centralization of automotive transportation operations.
Stroi. truboprovod. 6 no.8:13-14 Ag '61. (MIRA 14:8)

1. Stroitel'no-montazhnoye upravleniye No.74 tresta
Nefteprovodmontazh, Ufa.
(UFA--Transportation, Automotive)

OSHCHIPKOV, F.P.; KAPLAN, I.M.

Assemblage of glass-metal casings for 53LK4Ts kinescopes.
Sbor. mat. po elektrovak. tekhn. no.28:5-8 '61.
(MIRA 16:8)

low-voltage transistor for photomultiplier

experimental

transistor stabilizer circuit, high voltage multiplier,

A simplified semiconductor stabilized high voltage multiplier is described. The output voltage can be controlled within 1% with a load current of up to 5 mamp. High voltage is obtained by rectifying the output of an amplitude-stabilized high-frequency generator. The feedback signal is derived from a separate low-voltage generator. The stabilizer circuit is shown in Fig. 1 of the Enclosure. The output voltage stability was 0.01% in the presence of line voltage fluctuations of 10% and a 10% variation in the load current. The size of the device with a 1000 ohm load is 100 mm x 100 mm x 10 mm. Care was taken to prevent magnetic induction in the core of T₁ to avoid an increase in noise at the output.

Card 1/1

L 55142-65

ACCESSION NR: AP5016402

ORIGINATOR: Belorusskiy gosudarstvennyy universitet, Minsk Belorussian State

SUBMITTED: 14 Apr 64

ENCL: 01

SUP CODE: EC, EM

NO REF SOV: 000

OTHER: 000

ATD PRESS: 4025

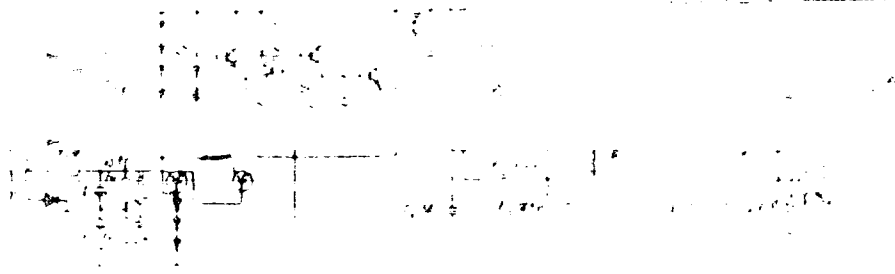


Fig. 1. Stabilizer

Card

L 23086-66 EWT(1)/EWA(h)

ACC NR: AP6011203

SOURCE CODE: UR/0413/66/000/006/0036/0036

INVENTOR: Kaplan, I. M.

21
B

ORG: none

TITLE: Transistorized infralow-frequency amplifier²⁶ Class 21, No. 179797 [announced by the Special Design Office of the Minsk Radio Plant (Spetsial'noye konstruktorskoye byuro Minskogo radiozavoda)]

SOURCE: Izobreneniya, promyshlennyye obraztsy, tovarnyye znaki, no. 6, 1966, 36

TOPIC TAGS: transistorized amplifier, amplifier design, audio frequency amplifier

ABSTRACT: An Author Certificate has been issued for a transistorized infralow-frequency amplifier containing a heterodyne at the input and a phase detector at the output. To increase the sensitivity and gain, varicaps with initial zero bias are connected to the heterodyne circuit. Negative feedback is provided between the load of the phase detector and the heterodyne. Orig. art. has: 1 figure. [KM]

SUB CODE: 09/ SUBM DATE: 27Nov64/ ATD PRESS: 4234

Card 1/1 F10

NIKITENKO, I.T., kand.sel'skokhozyaystvennykh nauk; SHIDLOVSKIY, Yu.M., inzh.;
KAPLIN, I.N., inzh.; GORSHKOV, A.P., inzh.

Continuous-flow harvesting of grain by combines with straw
chopping. Mekh. i elek. sots. sel'skoz. 20 no.3:6-9 '62.

(MIRA 15:7)

1. Ukrainskiy nauchno-issledovatel'skiy institut mekhanizatsii
i elektrifikatsii sel'skogo khozyaystva.

(Grain--Harvesting)

(Harvesting machinery)

KAPLAN, J.

Effect of temperature in drying upon the quality of linen yarn. p. 263.

TEXTIL. (Ministerstvo lehkeho prumyslu) Praha, Czechoslovakia,
Vol. 14, no. 7, July 1959.

Monthly List of East European Accession (EEAI), LC Vol. 9, no. 2,
Feb. 1960.

Uncl.

KAPLAN, J.

Welding in nuclear engineering. Jaderna energie 4
no.8:232-233 Ag '58.

KAPLAN, J.

A universal radiologic laboratory. Jaderna energie 3 no.4:123 Ap '57.

KAPLAN, J.

Non-destructive testing of materials used in nuclear engineering.
Jaderna energie 4 no.6:163-164, Je '58.

KAPLAN, J.

New semiconducting detectors. Jaderna energie 9 no.4:131
Ap '63.

SEDLAK, J.; VLASAK, M.; KAPLAN, J.

Training of pilots of fast planes. *Activ. Nerv. Sup.* 5 no.3:
288-289 JI '63.

1. Psychologicky ustav v Brne, *Instit. Aviation Medicine*
Ustav letackeho zdravotnictvi
v Praze.

(AVIATION MEDICINE) (PSYCHOPHYSIOLOGY)
(PSYCHOLOGICAL TESTS)

KAPLAN, Jiri

Manufacture of American computers in Japan. Automatizace
7 no. 3:70 Mr '64.

KAPLAN, M. F.

Kaplan, M. F. - "On the question of healing wounds in the large intestine", Trudy Astrakh. gos. med. in-ta, Vol. IX, 1948, p. 152-54.

SO: U-3042, 11 March 53, (Letopis 'Zhurnal 'nykh Statey, No. 6, 1949).

OSTROVSKIY, V.S. [Ostrovsk'yi, V.S.]; ZHURAVSKIY, V.A. [Zhurava'kyi, V.A.];
KAPLAN, K.L.; KASIMOV, Ya.M. [Kasymov, IA.M.]

Use of a shellac-casein finish for DOL chrome pigskins. Leh.
prom. no.2:58 Ap-Je'64 (MIRA 17:7)

TRAKHTENBERG, S.I.; SHUTER, L.M.; STEPANCHENKO, N.A. [Stepanchenko, M.A.]
SHTERN, A.A.; ZHURAVSKIY, V.A. [Zhuravs'kyi, V.A.]; KAPLAN, K.L.

Preparation of the modified MBK-258 casein and its use in the
treatment of chrome leather. Leh. prom. no.1:46-48 Ja-Mr '65.
(MIRA 18:4)

KAPLAN, L.

KAPLAN, L.

One hundred thirty five poods of buckwheat per hectare. Zemledolie
5 no.11:94 N '57. (MIRA 10:11)
(Buckwheat)

KAPLAN, L

USSR/ Physical Chemistry - General Problems on Isotope Chemistry B-7

Abs Jour : Referat Zhur - Khimiya, No 3, 1957, 7419

Author : Braun, V.G., Kaplan, L., Van Dyken, A.R., and
Vil'tsbakh, N.Ye.

Inst : Academy of Sciences USSR

Title : Tritium as a Tool in Industrial and Chemical Research

Orig Pub : Sb. Primeneniye radioaktivnykh izotopov v prom-sti,
meditsine i s. kh. [Symposium on the Application of
Radioactive Isotopes in Industry, Medicine, and Agri-
culture], Izd-vo AN SSSR, Moscow, 1956, 94-112

Abstract : Tritium has a number of advantages over D and C^{14} as a
tracer: a higher activity, ease of introduction into
molecules, low cost. Its drawback consists in the radi-
oactive decomposition of tritium-tagged compounds. For
purposes of analysis the compounds containing T are con-
verted to a mixture of CH_4 and H_2 , the activity of which
is measured in an ionization chamber. The tritium-tagged

Card 1/2

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USSR/ Physical Chemistry - General Problems on Isotope Chemistry B-7

Abs Jour : Referat Zhur - Khimiya, No 3, 1957, 7419

compounds are prepared by reduction with the hydrides of Li-B, Li-Al, and Na-B, which contain T. Another method consists in the neutron irradiation of the respective compounds in the presence of the lithium salt. The tritium formed by the $\text{Li}^6(n, \alpha)$ reaction enters the organic molecules. Data are presented on the activating effect of various groups, maximum specific activities, etc. Tritium-tagged methyl groups were used in the methylation of hydrocarbons for the purpose of investigating their structure. A series of data are presented on the fractionation of the T and H isotopes by partition chromatography and on the effect of the isotope composition of hydrogen on the rate of some reactions.

Card 2/2

- 73 -

ANDRACHNIKOV, Ya.; KAPLAN, L.

Use of Ap-25, 3MT instruments for the protection of the electric
motors of refrigerating machines. Khol.tekh. 37 no.4:45-57 J1-Ag
'60. (MIRA 13:11)
(Refrigeration and refrigerating machinery--Electric equipment)

SOLDATKINA, A , inzh.; KAPLAN, L., inzh.

Assemblage of small automatic freon refrigerating units with air-cooled condensers. Khol.tekh. 37 no.5:55-60 S-0 '60.

(MIRA 13:10)

(Refrigeration and refrigerating machinery)

ANDRAOHNIKOV, Ye.; KAPLAN, L.; SOLDATKINA, A.

Assemblage of Freon refrigerating plants of an up to 4000 kg-cal
per hour refrigerating capacity. Khol. tekhn. 37 no. 6:59-62
M-D '60. (MIRA 13:12)
(Refrigeration and refrigerating machinery)

KAPLAN, L., imah.

Wings of friendship. Sov. profsoiuzy no.17:19-20 S '61.
(MIRA 14:8)

1. Proizvodstvennyy otdel ordena Lenina neftepromyslovogo
upravleniya "Tuymasaneft".
(Tuymasy--Petroleum industry)
(Suggestion systems)

KAPLAN, L.A.

New method of preventing the formation of urinary fistulas in
extraperitoneal high section of the bladder. Khirurgiia no.9:71
S '59. (MLRA 6:11)

1. Iz khirurgicheskoy kliniki Novosibirskogo gosudarstvennogo institu-
ta usovershenstvovaniya vrachey im. akad. V.M.Kyph.
(Bladder--Surgery)

KAPLAN, L.A., kandidat meditsinskikh nauk.

Late results of surgical treatment of nephritis dolorosa. Vest.
khir. 76 no.11:96-99 '55. (MLRA 9:4)

1. Is khirurgicheskoj kliniki imeni prof. V.M. Mysha (sav.-dotsent
M.D. Ponomarev) Novosibirskogo meditsinskogo instituta.

(NEPHRITIS,
dolorosa, surg., remote results)

RUBIN, I. A.

185T21

USSR/Engineering - Welding, Testing

Feb 51

"Investigation of Welded Structures Composed of Steels of Dissimilar Strength," G. P. K Mikhaylov, and A. Z. Solomonnikov, L. A. Kaplan, Engineers

"Avtoge. Delo" No 2, pp 13,14

Presents data obtained in 1949 for designing and testing constrs of combined alloy and low-carbon steels, and data previously given in article by G. P. Mikhaylov and A. Z. Solomonnikov in "Avtogen Delo" No 11, 1948, Performed calcns and checked by testing for H-beams 1.2 m long with outer leaves of flanges made of alloy steel having elastic limit of 3,500 and 4,500 kg/sq cm, when inner leaves were make of low-carbon steel with limit of 2,200 kg/sq cm.

185T21

KAPLAN, L.A.

USSR/Engineering - Welding, Structural Analysis Nov 51

"Calculation Formulas for Welded Structures Out of Metals With Different Plastic Properties,"
G. P. Mikhaylov, L. A. Kaplan, Engineers

"Avtogen Delo" No 11, p 6

Presents calcn formulas for welded H-beams with construction of residual stress diagrams. Illustrates simplified method of calcn by example. Article is a supplement to works published by the authors in "Avtogen Delo" No 11, 1948 and No 2, 1951.

200161

KOMISSAROV, V.N.; BURGANOV, A.D.; KAPLAN, L.A.

Buildup welding of the drum bottoms in riveted steam boilers
during major overhaul. Avtom. svar. 16 no.11:86-88 N '63.
(MIRA 17:1)

1. Uralenergoremont.

11/14/74, 2-13
SHKABARA, Mikhail Nikolayevich, doktor geologo-mineralogicheskikh nauk;
KAPLAN, L.B., otvetstvennyy red.; ZVORYKINA, L.N., red.isd-va;
BERLOV, A.P., tekhn.red.; NADNINSKAYA, A.A., tekhn.red.

[Drilling and cementation fluids in drilling mine shafts]
Promyvochnye i tamponazhnye rastvory pri burenii stvolov shakht.
Moskva, Ugletekhizdat, 1957. 146 p. (MIRA 11:7)
(Shaft sinking)

ANDRACHNIKOV, Ye.I.; KAPLAN, L.G.

Running-in of compressors during repair. Khol. tekhn. 38
no.3:52-56 My-Je '61. (MIRA 15:1)
(Compressors--Maintenance and repair)

KAPLAN, L.G., inzh.; PETRUKHIN, Yu.M., inzh.

Some characteristics of the repair of rotary compressors. Khol.
tekhn. 40 no.6:48-52 M-D '63. (MIRA 17:4)

ANDRACHNIKOV, Ye.I.; KAPLAN, L.G.

Repairing temperature regulating diaphragm valves. Khol. tekhn. 38
no.5:63-65 S-0 '61. (MIRA 15:1)

(Valves)

IL'IN, Ye.V.; MAL'GINA, Yevgeniya Viktorovna; ARSHANSKIY, Yakov
Naumovich. Prinsipal uchastiye SURENKOV, S.M.; KAPLAN,
L.G.; LIKHAREVA, N.V., kand. tekhn. nauk, retsenzent;
RUDAKOVICH, F.I., retsenzent; KANTOROVICH, V.I.,
retsenzent; KREST'YANINOVA, Ye.M., red.

[Refrigerating machinery and plants] Kholodil'nye mashiny
i ustanovki. Moskva, Pishchevaia promyshlennost', 1964.
551 p. (MIRA 18:1)

KAPLAN, L.G., inzh.; PETRUKHIN, Yu.M., inzh.

Repair of the heat exchangers of small refrigerating machines. Khol.
tekh. 40 no.3:54-57 My-Je '63. (MIRA 16:9)
(Refrigeration and refrigerating machinery—Maintenance and repair)

KAPLAN, L.G., insh.

Halide lamps for detecting refrigerant leakage. Khol. tekhn.
39 no.5:59-62 S-0 '62. (MIRA 16:7)

(Refrigeration and refrigerating machinery--Testing)
(Gas detectors)

KAPLAN, Leonid Gdal'yevich; SHAVRA, V.M., retsenzent; KURYLEV,
Ye.S., spets. red.; NIKOLAYEVA, N.G., red.

[Repair of the automatic control equipment of refrigeration
plants] Remont priborov avtomatiki kholodil'nykh ustanovok.
Izd-vo "Pishchevaia promyshlennost'," 1964. 46 p.
(MIRA 17:7)

ANDRACHNIKOV, Yefim Iosifovich; KAPLAN, Leonid Gdal'yevich; GROMOV,
A.S., tekhn. red.

[Operation of refrigerating equipment in commercial enterprises]
Ekspluatatsiia kholodil'nogo oborudovaniia v torgovykh pred-
priiatiakh. Moskva, Gostorgizdat, 1962. 55 p. (MIRA 15:7)
(Refrigeration and refrigerating machinery)

ANDRACHNIKOV, Ye.I.; KAPLAN, L.G.

Test stand for draining freon from refrigerating units and for its
regeneration. Khol. tekhn. 38 no.4:57-58 J1-Ag '61. (MIRA 15:1)
(Freons)

ANDRACHNIKOV, Ye.I.; KAPLAN, L.G.

Quality of commercial refrigerating equipment. Khol.tekh. 40 no.3:
40-44 My-Je '63. (MIRA 16:9)

1. Moskovskiy remontno-montazhnyy kombinat.
(Refrigeration and refrigerating machinery)

KAPLAN, Leonid Gdal'yyich; PETRUKHIN, Yuriy Mikhaylovich;
NIKOLAYEVA, N.G., red.

[Repair of small freon refrigerating machines] Remont ma-
lykh freonovykh kholodil'nykh mashin. Moskva, Ekonomika,
1964. 103 p. (MIRA 17:5)

KAPLAN, L.G.

Maintenance of refrigerating machinery with hermetic FCK type units. Khol. tekhn. 42 no.4:62-67 JI-Ag '65. (MIRA 18:9)

1. Respublikanskiy apetsializirovannyi trest po montazhu kholodil'nogo i tovgovogo oborudovaniya Ministerstva tovgovli RSFSR.

ANDRACHNIKOV, Ye.I.; KAPLAN, L.G.; PEREL'MAN, D.I.

Particular aspects of the assembling of AKFV-12 (AK2FV-30/15)
refrigerating machines at retail trade and catering industry
enterprises. Khol. tekhn. 38 no. 1:49-53 Ja-F '61. (MIRA 14:4)
(Refrigeration and refrigerating machinery)

KAPLAN, L.I.

Devonian of the northeastern Balkhash region. Sov. geol. no.52:
60-67 '56. (MLBA 10:4)

(Balkhash region--Geology, Stratigraphic)

AUTHOR: Kaplan, E.I.

TITLE: Structural characteristics of several types of complex subordinate clauses
(in connection with the problem of homonymic connecting words)

... Nauchno-tekhnicheskaya Informatiya ...
... translation ... homonymic ... semantic
... semantic analysis, connecting word
... deals with the ...
...
... subordinate ...
... of the sentence ...
... are explained. The method ...
... clauses which is given in this article, creates the possibility of the use of algorithmic

L 27657-65

ACCESSION NR: AP5000877

in deciphering sentences. Aside from algorithms, it is possible to establish the structure of these clauses on the basis of their differential characteristics. The author sets up 11 classes of subordinates clauses, each of which he analyzes by showing which word, or words, within the clause indicates its meaning and function within the sentence. The 11 types are as follows: (1) Objective clause; (2) Definitive clause; (3) Subjective clause; (4) Verbal clause; (5) Connective clause; (6) Adverbial clause; (7) Temporal clause; (8) Concessive clause; (9) Clause describing purpose; (10) Clause describing the action; (11) Clause describing the reason for doing something. The author analyzes each of the above types in detail. "The author thanks I. A. Mel'chuk, L. N. Iordanskaya and A. L. Shumilina for their valuable advice and critical comments." Orig. art. has: 1 appendix.

CLASSIFICATION: none

DATE SUBMITTED: 01Aug63

ENCL: 00

SUB CODE: DP

NO REF SOV: 010

OTHER: 001

2.2

L 34009-65

EFF (CI/DIR/ST/...

S/0032/65/031/003/0270/0270

ACCESSION NR: AP5007672 (deceased);

L. K.

Chromatographic analysis of the products of cyclooctatetraene synthesis

...laboratoriya, V. ...

...compound, chromatography ...

A carrier, granulation of the resin ... and the velocity relations of nitrogen and hydrogen equal to ... min respectively. Figure 1 on the Enclosure shows chromatograms of partitioning of the reaction products. It is seen that the partitioning is good. Under the conditions of the experiment no linear dependence was observed in determining concentration of the

10-10-65

AP5007572

... only approximate contents of the ... were ...
... calibration ...

... orig. art. nasl. i figurah.

... ATIN: Oodardstvennyy nauchno-issledovatel'skiy i ... institut
... produktiv ...
... Institute ...

Organic Synthesis

ACCESSION NR: AP5007672

FIGURE 1

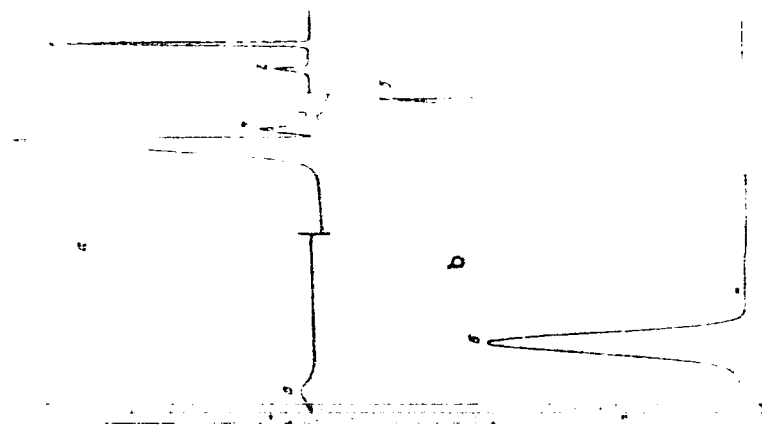


Fig. 1. Partitioning chromatogram of products of cyclooctatetraene synthesis: a, b- beginning and end of run; 1- acetylene; 2- acetone; 3- tetrahydrofuran; 4- benzene; 5- dioxane; 6- cyclooctatetraene

Card 3/3

KAPLAN, I. I.

Development of giant pyramidal cells in the motor area of the cerebral cortex in mammals. Arkh. anat., Moskva 29 no.2:18-29 Mar-Apr 1952.
(GML 23:2)

1. Of the Department of Histology (Head -- Prof. D. I. Dayneka),
Leningrad State University.

KAPIAN, L.L.

The Golgi-Deineka method. Arkh. anat. i embr. 32 no.4:81-83
O-D '55. (MIRA 9:5)

1. Iz kafedry anatomii i gistologii Leningradskogo universiteta
(sav.kafedroy-chl. korr. AN SSSR. prof. N.G. Kolosov)
(HISTOLOGY,
Golgi-Deineka's method of exam. of intracellular stellate
appar.)

EXCERPTA MEDICA SER 8 Vol 12/2 Neurology Feb 59

744. THE TERMINATION OF FIBRES ARRIVING IN THE MOTOR AREA OF THE CEREBRAL CORTEX (Russian text) - Kaplan L. L. Inst. of Ped., Voroshilovgrad - ARKH. ANAT. GISTOL. EMBRIOL. 1956, 33/4 (38-40) illus. 5

The mode of termination of afferent fibres in the motor cortex of the cerebral hemispheres was studied in rodents, ungulates and carnivorous animals as well as in human embryos and newborn infants. The author confirms the presence of three types of fibres arriving at the motor area of the cortex. Thin vertically coursing fibres may be followed to the 2nd layer of the cortex. In the depths of the 5th layer in kittens collaterals may start from these fibres. In guinea-pigs afferent fibres were observed with varicose thickenings, and which spread out into end branches slightly above the mass of giant pyramidal cells. In puppies there are afferent fibres, whose ramifications entwine the bodies of the pyramidal cells. Thus, a portion of the fibres, apparently of diverse origin, terminates in the 5th layer of the cerebral cortex in animals having relationship with the deep pyramids. In 7-month human embryos the pyramidal cells of lower levels of the cortex are enclosed in a dense network of fibres going in all directions. No end ramifications are observed here. Networks are observed also in the 2nd and the 1st layers of the cortex. These networks are joined by fibres coming here through the whole thickness of the cortex from the white matter. A portion of these fibres reaches the first layer, where they spread out in terminal tufts.

Berlin - Leningrad (S)

Iz kfredy zoologii (zaveduyushchly - dotsent I.I. Sakhno)
Voroshilovgradskogo gosudarstvennogo pedagogicheskogo instituta/

KAPLAN, L.M., insh.

Remarks concerning the design, planning and construction of peat
briquetting plants. Torf.prom. 40 no.1:8-10 '63. (MIRA 16:5)
(Latvia--Peat industry) (Briquets (Fuel))

KAPLAN, L.M.; SHAPIRO, L.L.; BER, A.S., inzh., nauchn. red.

[Operation and production planning in construction and assembling organizations] Operativno-proizvodstvennoe planirovanie v stroitel'no-montazhnykh organizatsiakh. Leningrad, Stroiizdat, 1964. 170 p. (MIRA 17:6)

KIBYAKOV, A.V.; KAPLAN, L.R.; YAKOVLEV, N.M.

Some data on the nature of the automatic activity of the frog heart.
Fiziol.zhur. 48 no.6:712-716 Je '62. (MIRA 15:8)

1. Kafedra normal'noy fiziologii 1-go Meditsinskogo instituta imeni
akademika I.P.Pavlova, Leningrad.
(HEART)

KAPLAN, L.S., insh.

Sectional shield for the rotor chain of hoists. Bezop.truda
v prom. 4 no.9:33 8 '60. (MIRA 13:9)

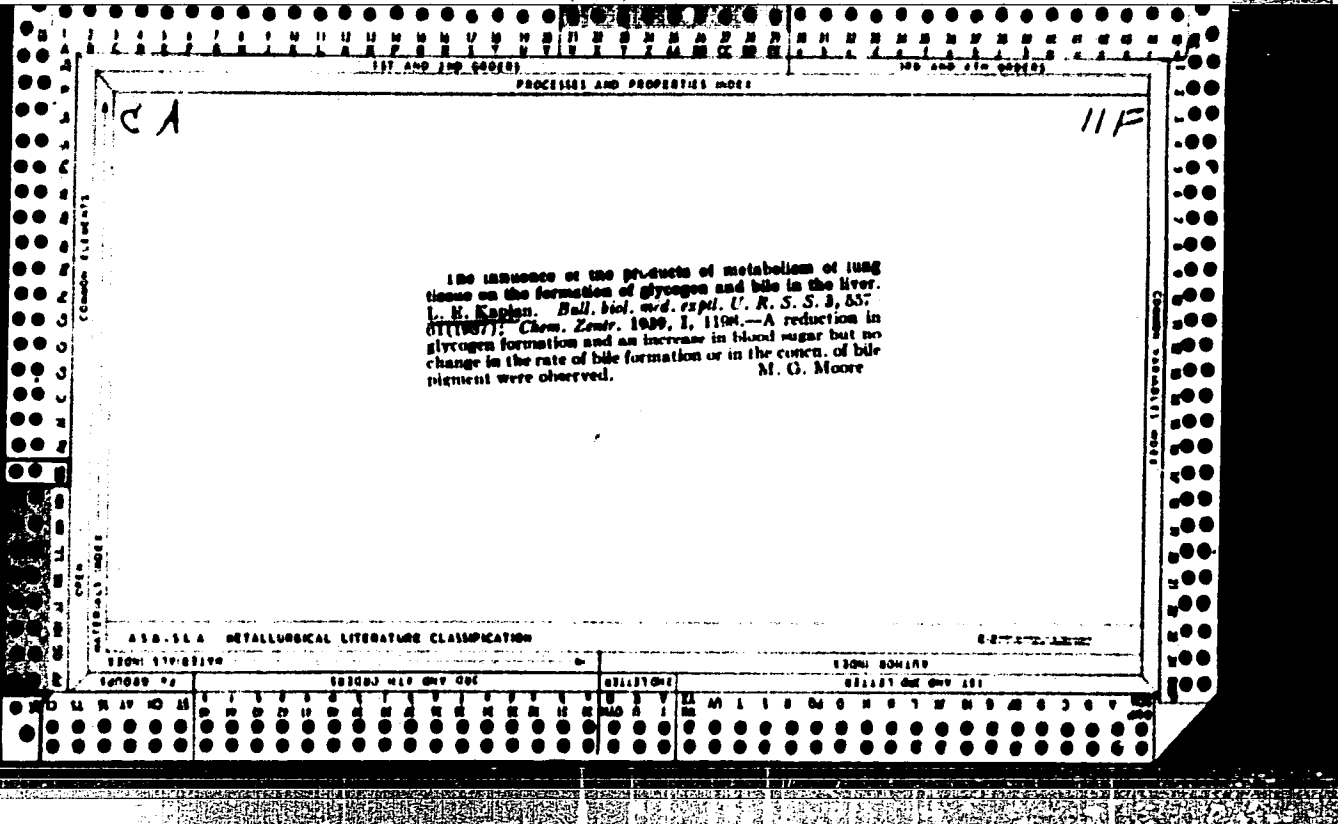
1. Neftepromyslovoye upravleniye Tuymazanefi'.
(Hoisting machinery--Maintenance and repair)

KAPLAN, L.S., insh.

Device for fastening the fixed end of a tackle cable. Besop.truda
v prom. 4 no.12:32 D '60. (MIRA 14:1)
(Pulleys)

KAPLAN, L.Ye., inzh.

New methods for organization, administration, and control in
the construction of thermal electric power plants. Energ.
(MIRA 17:11)
stroil no.39:3-13 '64.



KAPLAN, L. YE.

USSR/Medicine - Blood Transfusion
Medicine - Serotherapy and Hemotherapy

Jun 48

"Possible Use of Blood Obtained From Live Animals (Blood Serum of Large-Horned Cattle as a Substitute for Blood)," N. G. Belen'kiy, Dr Biol Sci, L. Ye. Kaplan, Cand Biol Sci, F. A. Gubarev, Cand Biol Sci, 11 pp

"Dok v-s Ak Selkhoz Nauk" No 6

Nonspecific serum from cattle blood is a satisfactory plasma substitute. Produced good results even in cases where test animals had lost up to 70% of their blood. Large intravenous doses cause no undesirable reaction. Repeated injections of nonspecific serum produced no after effects. Submitted 3 May 48.

PA 33/49 T74

KAPLAN, L. Ye.

"Utilization of the Blood of Farm Animals. Part VII. Biological Properties of the Blood Obtained from Cattle Previously Subjected to Bloodletting While Alive", Dokl Vsesoyuznoy Ordena Lenina Akademii Sel'skokhozyaystvennykh Nauk imeni V. I. Lenina, Vol. 15, No. 4, pp 14-19.

SO: W-17864, 24 Apr 1951

1. Kaplan, L. Ye. Sokolova, A. I.
2. USSR 600
4. Reflexes; Blood
7. Reflex mechanism for varying properties of blood in farm animals.
Sov. Zootekh. 7 no. 5, 1952 Dotsent; Moskovskiy Khimiko-Tekhnologicheskii
Institut Myasnoy Promyshlennosti
9. Monthly List of Russian Accessions. Library of Congress, July 1952.
UNCLASSIFIED.

K. A. P. 11111
USSR/General Biology - Individual Development

B-4

Abs Jour : Ref Zhur - Biol., No 3, 1958, No 9522

Author : Kaplan, L.E., Fel'dshteyn, M.A.

Inst : Not Given

Title : Effect of Parenteral Protein Introduction on Healing of Wounds

Orig Pub : Dokl. VASKhNIL, 1956²¹ No 9, 14-20

Abstract : A study was conducted on the effect of N.G. Belen'ky medicinal serum (MS) on the healing of skin-muscular wounds. Wounds of an area 25 cm² were localized within the region of 9-11th ribs of 48 rabbits. The wounds fully healed on the 35-40th day in animals to whom were administered MS intravenously 3 times (1-5 days after being wounded) in doses of 5 ml/kg. When the MS dose was decreased to 0.5 ml/kg the healing occurred on the 50-60th day. The healing of wounds in animals to whom 3 intravenous blood transfusions of isogenous blood in doses of 5 ml/kg were also administered occurred in 55-60

Card : 1/2

Moscow Tech. Inst. Meat & Milk Industry

USSR/General Biology - Individual Development

Abs Jour : Ref Zhur - Biol., No 3, 1958, No 9522

days. Control animals died in 75% of the cases. Microbiological examination of wound exudations has shown that the microflora of the group under experimentation were less virulent than those of the control. Histologically it was found that in the group under experimentation granulated tissues aged earlier by comparison with the control. Aside from rabbits, the action of MS was verified on 8 horses. The animals were wounded in the region of the 10-12 ribs on an area of 81 cm². MS was administered to animals under experimentation 1-5 days after having been wounded, in doses of 5 ml/kg weight. The differences in wound healing were observed in the second phase of the regenerative process (at the 16-18th day). Complete healing of wounds in animals under experimentation was noted after 70-76 days; in the control after 95 days. Viscosity index and speed of blood coagulation in animals under experiment were restored to normal on the 5-10th day, in the control on the 20-30th day. The author recommends administration of MS for treatment of wound defects in animals.

Card : 2/2

USSR / Human and Animal Physiology (Normal and Pathological). Neuromuscular Physiology T

Abs Jour: Ref Zhur-Biologiya, No 21, 1958, 97818

Author : Kaplan, L. Ye.

Inst : Moscow Technological Institute of the Meat and Milk Products Industries

Title : Changes of Chronaxy of Muscles of Long-Horn Cattle Depending on the Amount of Blood Withdrawn

Orig Pub: Te. Mosk. tekhnol. in-t myasn. i molochn. prom-sti 1958, vyp 7, 28-31

Abstract: The size of the rheobase of the motor point of the zygomatic muscle is smallest in cows and largest in oxen. The diapason of the rheobase oscillation is smallest in bulls. Withdrawal of 5 percent of

Card 1/2

KAPLAN, L.Ye., inzh.

Hyperbolic reinforced concrete cooling towers for thermal electric
power plants. Energ. stroi. no.42:79-86 '64. (MIRA 18:3)

KAPIAN, L.Z.; STRIZHAK, K.T., inshener.

Use of concrete pavements for city street construction.
no.5:30-34 My'51.

Gor.khoz.Mosk. 25
(MLBA 6:11)
(Pavements)

USPENSKIY, V.N., glav. red.; TER-ARUTYUNYANTS, G.O., zam. glav. red.; AIR-BABAYAN, Ya.A., red.; BOGORAD, D.I., red.; KAPLAN, L.Z., inzh., red.; MALYSHENKO, O.A., red.; MEZENTSEV, I.V., red.; BONDARENKO, I.I., red.; NELYUBIN, K.P., red.; OREKHOV, V.M., red.; POGREBOV, S.N., red.; SLIVAK, I.M., kand. tekhn. nauk, red.; STANISLAVSKIY, A.I., red.; SLUTSKIY, G.M., red.; SOLOFNIENKO, I.A., red.

[Transportation and engineering facilities of cities; an aid to designers] Transport i inzhenernoe oborudovanie gorodov; v pomoshch' proektirovshchiku. Kiev, Budivel'nyk, 1964. 100 p. (MIRA 18:5)

1. Ukrainskiy gosudarstvennyy institut proyektirovaniya gorodov. 2. Gosstroy SSSR (for Kaplan, Orekhov). 3. Gosstroy USSR (for Pogrebov). 4. Kiyevskiy inzhenerno-stroitel'nyy institut (for Slivak). 5. Kiyevskiy Gosudarstvennyy institut proyektirovaniya gorodov (for Uspenskiy, Ter-Arutyunants, Malysheiko, Mezentsev, Bondarenko). 6. Leningradskiy Gosudarstvennyy institut proyektirovaniya gorodov (for Nelyubin). 7. Tsentral'nyy nauchno-issledovatel'skiy i proyektnyy institut po gradostroitel'stvu, Moskva (for Solofnenko). 8. Kiyevskoye upravleniye po proyektirovaniyu zhilishchno-grazhdanskogo i kommunal'nogo stroitel'stva (for Slutskiy).

KAPLAN, Ieyb Zusmanovich, inzhener; NAVROTSKIY, P.A., inzhener, redakter;
RYAPIN, B.G., redakter; FERSON, M.N., tekhnicheskiy redakter.

[File driving] Svainye raboty. Moskva, Gos.izd-vo lit-ry po stroit.
i arkhitkture, 1956. 191 p. (MLRA 9:6)
(Piling (Civil engineering))

KAPLAN, Leyb Zusmanovich, inzh.; FRIDBURG, V.I., inzh., nauchnyy red.;
SKVORTSOVA, I.P., red. ind-va; OSENKO, L.M., tekhn. red.

[Engineering preparation of the construction area] Inzhenernaia pod-
gotovka territorii stroitel'stva. Moskva, Gos. izd-vo lit-ry po
stroit., arkhitekt. i stroit. materialam, 1961. 154 p. (MIRA 14:7)
(Building sites)

KAPLAN, M. (Sevastopol'); IRININ, Yu. (Moscow).

Notes of participants in the 6th All-Union competition of short-wave operators, members of the All-Union Volunteer Society for Assistance to the Army, Aviation and Navy. Radio no.6:21-22 Je '53. (MLRA 6:6)
(Radio, Short-wave--Competitions)

107-57-3-16/64

AUTHOR: Kaplan, M.

TITLE: Operating on 10- and 14-Meter Bands (O rabote v diapazonakh 10 i 14 metrov)

PERIODICAL: Radio, 1957, Nr 3, p 14 (USSR)

ABSTRACT: The collective radio station UC2KAB of the Gomel' radio club has worked many continents and countries on 10- and 14-meter bands recently. Communications were established with Mirnyy settlement, Viet-Nam, Laos, Korea, the Antarctic Australian expedition, and Wake Island. There have been very few Soviet radio amateurs using 10- and 14-meter bands so far -- only a few hams of the 3rd, 4th and 5th districts, and also UA6AJ, UD6AL, UA9KAB, and UAOGF. One of the main reasons for the scant utilization of these bands by Soviet amateurs is the fact that the work in these bands is inadequately encouraged at various contests. The rules and conditions of various radio contests have been such that high results can be achieved with 20- and 40-meter bands alone. The author believes that an additional number of points for working in three or more bands would enliven the 10- and 14-meter bands. Since mid-September, good reception in the 10-meter band has been noted. Western

Card 1/2

107-57-3-16/64

Operating on 10- and 14-Meter Bands

Europe, North Africa, the Middle East, Central and South Africa, South and North America, as well as the Far East can be worked easily. In the 14-meter band, all continents have been heard well all year round.

Y.L. : Entry

Card 2/2

SOV/107-58-10-17/55

AUTHOR: Kaplan, M., Master of Amateur Radio Sport (UC2-2201)

TITLE: The Kirghiz Short-Wave Operators Are Letting Us Down (Kirgizskiye korotkovolnoviki podvodyat nas)

PERIODICAL: Radio, 1958, Nr 10, p 15 (USSR)

ABSTRACT: The author complains that the number of amateur short-wave stations in the Kirghiz SSR has remained at three for the last ten years. Only one - the Frunze Radio-Club Station - is actually working, and extremely badly at that.

Card 1/1

06256

SOV/107-59-6-20/50

6(4)

AUTHORS: Suzdalev, V. (UC2KAB), Kaplan, M., Dannikov, V., Radio Operators

TITLE: The Main Thing is Constant Training

PERIODICAL: Radio, 1959, Nr 6, p 15 (USSR)

ABSTRACT: The authors describe their activities at the group radio station UC2KAB which has been operating at the Gomelskaya oblast' Radio Club of DOSAAF since 1948. They explain briefly the preparations made for competitions and the training given to operators. The principal tubes in the equipment were replaced by new ones. The operators observe the passage of signals in the different ranges. These observations are used for setting up call schedules. Further, the authors briefly describe the equipment of their station. The transmitter was built in 1954 and works on 3.5, 7, 14, 21 and 28 Mc. It contains, among others, tubes 6S5, 6P6, G-801, GK-71. A ground plane

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06256

SOV/107-59-6-20/50

The Main Thing Is Constant Training

antenna is used. Different types of receivers are used, among them a "Chayka", "KVM" and an all-wave super-heterodyne. Presently, the operators are collecting their first experience in the 144-146 Mc range.

Card 2/2

SIGAL, I.Ya.; KAPLAN, M.A.; MARKOVSKIY, A.V.

Use of jet and radiation-type hearth burners in heating boilers.
Gaz.prom. 6 no.2:19-23 '61. (MIRA 14:4)

(Gas burners)

(Boilers)

KAPLAN, M.A.

Changes in the culture and life of the Nanaitay in Nanayskiy
District as the result of socialist reforms. Izv. Vses. geog.
ob-va 93 no.2:136-148 Nr-Ap '61. (MIRA 144)
(Nanayskiy District—Golds)

KAPLAN, M. A.; MAKSIMOVA, I. I.

"Printsipy i metody ekspeditsionno-sobiratel'skoy raboty (opyt Gosudarstvennogo Muzeya etnografii narodov SSSR)."

report submitted for 7th Intl Cong, Anthropological & Ethnological Sciences,
Moscow, 3-10 Aug 64.

KAPLAN, M.A.; KVASOVA, A.B.; KURIYETS, N.P.; RABINOVICH, M.I.

Use of hearth burners in heating furnaces. Gaz.prom. 6 no.5:18-20
My '61. (MIRA 14:5)

(Gas burners)

KAPLAN, M. B.

Y. 15, Jan. 1954

Steam Raising & Steam Engines

✓ 482. STANDARDIZATION OF STEAM AND WATER SAMPLING EQUIPMENT. *ib. 3*
Kaplan, M.B. (Elekt. Sta. (Par. Sta., Moscow, Mar. 1953, vol. 24, 13-16).
The standard sampling equipment for boilers with two stage evaporation
provides for bleeding of samples for periodical chemical check at various
points. A general steam circulation diagram indicating these points and
detail diagrams of auxiliary sampling equipment are provided. Economic
and operating advantages of the standard equipment mentioned. E.E.A.

RUSINKOVSKIY, Yuriy Pavlovich, inzh.; KAPLAN, Musiy Abramovich, inzh.;
OZHOGIN, V.Ya., inzh., retsenzent; TSYBA, L.A., inzh., red.
isd-va; SHAFETA, S.M., tekhn. red.

[Automatic control of gas-fired boiler rooms] Avtomatizatsiya gas-
sifitsirovannykh kotel'nykh. Kiev, Gostekhnizdat USSR, 1963. 115 p.
(MIRA 16:3)

(Boilers) (Automatic control)

KAPLAN, M.B.

New designs for throttle units used in flowmeters. *Ism.tekh.*
no.1:46-49 Ja-F '56. (MLRA 9:5)
(Flowmeters)

KAPLAN, M.B., inzhener.

Flanged joints for orifice plates of flowmeters. Elek. sta. 27 no.5:
17-20 My '56. (MLRA 9:8)

(Flowmeters)

BYKHOVSKIY, D.G., inshener; KAPLAN, M.I., inshener.

Saturable reactors in welding transformers with semiconductor
rectifiers. Elektrichestvo no.10:74-76 O '56. (MLBA 9:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut elektrosvarochnogo
oborudovaniya.

(Electric reactors)
(Electric transformers)
(Electric current rectifiers)

KAPLAN, M.I.

BYKHOVSKIY, D.G., inzhener; KAPLAN, M.I., inzhener.

Problems in planning and designing welding converters with selenium rectifiers. Vest. elektroprom. 27 no.10:25-28 0 '56. (MLRA 10:9)

1. Zavod "Elektrik."
(Electric current converters)

НАИЗВЕСТНО

SUBJECT: USSR/Welding 135-1-1/14

AUTHORS: Bykhovskiy, D.G., Eng., and Kaplan, M.I., Eng.

TITLE: New Welding Rectifier Systems (Novye skhemy svarochnykh vypryamiteley).

PERIODICAL: "Svarochnoye Proizvodstvo", 1957, Nr. 1, pp 1-4 (USSR)

ABSTRACT: A new selenium rectifier $C7C-100/W$ with automatic voltage decrease at idle run, was developed by VNIIESO (ВНИИЭСО) (probably - All Union Scientific Research Institute for Electro Welding Equipment) - as the first experimental apparatus - in the Zhdanov Works at IZHORA (Ishorskiy Zavod imeni A.A. Zhdanova). It is stated that this system is suitable for future mass production.

The authors have also designed a combined rectifier - system consisting of two separate rectifiers of different power and different idle run voltage, of which the first is called "ignition rectifier" and the other "basic rectifier". This combined rectifier system considerably decreases consumption of material including selenium, and increases efficiency 10 - 15 percent.

Card 1/2

TITLE: New Welding Rectifier Patterns (Novye skhemy svarochnykh vypryamiteley).

135-1-1/14

The rectifier CNC-100/W is considered advantageous for welding in low-power range (up to 100A), and the combined two-rectifier-system for welding in high-power range (300-500A and higher).

The article contains 7 diagrams, 1 photograph.
There are no references.

INSTITUTION: VNIIESO

PRESENTED BY:

SUBMITTED:

AVAILABLE: At the Library of Congress.

Card 2/2

REF ID: A66223

KAPIAN, M.I., GOL'DSHEYN, B.Z., TOVPIK, E.S.

Automatic machine for making cylindrical springs. Stan.1
instr. 31 no.4:36-37 Ap '60. (MIRA 13:6)
(Machine tools)

DOMEROVSKIJ, V.V. [Dobrovskiy, V.V.]; IPATOV, P.M.; ^{1.} KAPLAN, M.F.; PINSKIJ,
G.B. [Pinskiy, G.B.]

Large hydroalternators in the Soviet Union. El tech obsor 52
no.2:58-63 F '63.

1. Elektrosila, Leningrad.

L 5359-66 EWT(1)/EWA(h)

ACC NR: AP5023655

SOURCE CODE: UR/0119/65/000/008/0016/0018

AUTHOR: Kaplan, M. I. (Engr.); Lyubovskiy, I. A. (Engr.); Fedorov, V. G. (Engr.)

ORG: none

TITLE : Electronic pulse recorders *25*

SOURCE: Priborostroyeniye, no. 8, 1965, 16-18

TOPIC TAGS: recorder, pulse recorder

ABSTRACT: Pulse recorders are considered which are based on the electronic pulse relay; in the latter, an additional winding of an electromagnetic relay forms a part of a positive feedback circuit, while the main relay winding is connected to the collector circuit of a P-25 transistor. Such a device permits recording even a very short electric pulses (1 msec) with slow (10 msec) electromechanical relays and without any intermediate signal transducer. Application of the above electronic-relay principle to a pulse counter and a light-pulse recorder is briefly described. Orig. art. has: 4 figures, 1 formula and 1 table.

SUB CODE: EC/ SUBM DATE: 00/ ORIG REF: 004/ OTH REF: 000

Card 1/1 *PC*

24
B

070 1151

M KAPLAN, M. L.

PHYSICOCHEMICAL INVESTIGATION OF ALUMINUM CHLORIDE AND ALUMINUM BROMIDE

V. A. PISTONOV and M. L. Kaplan (Inst. Phys. Chem. Acad. Sci. U.S.S.R., Moscow); *J. Russ. Acad. Sci. U.S.S.R., Chem. Abstr.* 1960, 52-61. The melting diagram of the system $AlBr_3-B_2O_3$ between 8.51-22.1 and 61.6-64.6 mole % B_2O_3 has a eutectic at the composition $AlBr_3-B_2O_3$, m. 47°; the range 22-49 mole % B_2O_3 lying below 0°, was not investigated, but a eutectic between B_2O_3 is clearly absent. Curves of σ , σ_{100} , σ_{110} of $AlBr_3-B_2O_3$ and of $AlCl_3-B_2O_3$ (m. 25.6-29.5°), in CH_2Cl_2 , in CH_2 , have flat max. at, resp., 25 mole % B_2O_3 , $\sigma = 1.25 \times 10^{-4}$, and at 46 mole % B_2O_3 , $\sigma = 1.25 \times 10^{-4}$. The increase of σ of the $AlBr_3$ complex with the temp. is sharp. In CH_2Cl_2 soln., $AlBr_3-B_2O_3$ has a max. at about 29 mole % B_2O_3 , $\sigma = 1.77 \times 10^{-4}$, in CH_2 at about 46 mole % B_2O_3 , $\sigma = 2.2 \times 10^{-4}$. Thus, $AlBr_3-B_2O_3$ is the 1st, and so far the only known complex in soln. in CH_2 . The complex formation, in terms of the mole fraction σ of the $AlBr_3(AlCl_3)-B_2O_3$ complex, are: $AlBr_3-B_2O_3$ in CH_2 , $\sigma = 7.75 \times 10^{-4}$ - 11.5×10^{-4} ; $AlBr_3-B_2O_3$ in CH_2 , $\sigma = 12.8 \times 10^{-4}$ - 13.8×10^{-4} ; $AlBr_3-B_2O_3$ in CH_2Cl_2 , $\sigma = 9.97 \times 10^{-4}$ - 11.4×10^{-4} ; $AlCl_3-B_2O_3$ in CH_2 , $\sigma = 2.8 \times 10^{-4}$ - 3.8×10^{-4} , with a mean deviation of $\pm 5\%$. The max. values in σ may possibly indicate an effect of nonstoichiometric complex units, increasing with increasing concn. Ionization of the monomer is formulated: $AlBr_3-B_2O_3 \rightarrow Al(Br_3B_2O_3)^+ + Br^-$. N. Thus -

458-114 METALLURGICAL LITERATURE CLASSIFICATION

BOOK SYMBOLOGY

EDMUNDSON

COLLECTOR

EDMUNDSON

COLLECTOR

Concentration cells in solvents with low dielectric constant. E. Ya. Gorenfeld and M. L. Kaplan. *Ukrain. Khim. Zhur.* 17, 610-23(1951); *U.S.S.R. 45, 66361*. The e.m.f.s. of the concn. cells $Sb|(SbBr_3, AlBr_3 + Br_2)||(SbBr_3, AlBr_3 + Br_2)|Sb$ (I), $Sb|(SbBr_3, AlBr_3 + Benzene)||(SbBr_3, AlBr_3 + Benzene)|Sb$ (II), and $Pt|(PBr_3 + Br_2)||(PBr_3 + Br_2)|Pt$ (III) were measured at various concns. and temps. by means of an illustrated app. consisting of 2 electrode-contg. vessels connected by a capillary. In I and II the cell having the greater dil. const. had the higher e.m.f., other things being equal. The absence of the electrolytes at higher concns., the anomalous mol. cond., and the greater difference between calcd. and observed values of e.m.f. were discussed. The absence of polarization in III and the inversion of sign of the e.m.f. of III, resp., to that of I and II were ascribed to the formation of Br electrodes. J. W. Lowenberg, Jr.

KATLAN, M. L.

Concentration cells of bromine solutions
Cohen and M. L. Katlan
J. Electrochem. Soc. 107 (1960) 1071-1073
Pt electrodes in solutions of
x% PBr₃, PCl₃, or POCl₃ are used as anodes and
Br + y% PBr₃, PCl₃, or POCl₃ as cathodes.
Pt acts as a Br⁻ electrode. The cell potential is
Pt|Br + 31% PBr₃ || Br + 31% PBr₃ | Pt
Pt|Br + 30% PCl₃ || Br + 30% PCl₃ | Pt
on temp. 20°C. The cell potential is
variable with concentration.

KAPLAN, M.L.

USSR/Corrosion - Protection From Corrosion.

J.

Abs Jour : Ref Zhur - Khimiya, No 2, 1957, 6858

Author : Gratsianskiy, N.N., Kaplan, M.L.

Inst :

Title : Investigation of Corrosion Resistance of Solid Solutions of Metals I. The System In - Pb.

Orig Pub : Zh. fiz. khimii, 1956, 30, No 3, 651-659

Abstract : Determinations were made of rate of corrosion v , steady-state potential E and the microhardness of solid solutions of the In-Pb system, in the range 0 - 100 at %.

Corrosive media used: 1% H_2SO_4 (I), 1% citric acid (II), at temperatures of 16 and 50°. Limits of corrosion resistance of solid In-Pb solutions, were found only at the lower temperature of the experiments. In solution of I such a limit was at 50 at %, in solution of II -- at 25 at % In. The position of these limits coincides with the inflection point of E versus composition curves.

Card 1/2

Inst. Gen & Lang Chem, AS USSR

"APPROVED FOR RELEASE: 06/13/2000

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APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000520430010-6"

KAPLAN, M.M.

Direct results of combined antibacterial and immunological treatment in osteoarticular tuberculosis in children. Sbor. trud. Uz. nauch.-issl. tub. inst. 3:38-44 '57. (MIRA 14:5)

1. Ordinator 4-y kostnotuberkuleznoy bol'nitsy.
(BONES--TUBERCULOSIS)

ENDR'YUS, S.Kh. [Andrews, C.H.]; BERNET, F.M. [Burnet, F.M.]; ENDERS, Dzh.F.;
GARD, S.; KHERST, G.K.; KAPLAN, H.M.; ZHDANOV, V.M.

Taxonomy of viruses causing infection in vertebrates: present stage
of knowledge and unexplained problems. Vop. virus. 6 no.5:610-615
3-0 '61. (MIRA 15:1)

1. Natsional'nyy institut meditsinskikh issledovaniy, London; Institut
Voltera i Elisy Khol, Mel'burn; Detskaya bol'nitsa, Boston; Karolinskiy
institut, Stokgol'm; Nauchno-issledovatel'skiy institut zdavookhraneniya,
N'yu-York; Vsemirnaya organizatsiya zdavookhraneniya, Zheneva i
Institut virusologii imeni D.I. Ivanovskogo, Moskva.
(VIRUSES)

KAPLAN, M.M.

Surgical treatment of tuberculosis of the lumbar segment of the spine. Probl.tub. no.7:48-51 '62. (MIRA 15:12)

1. Iz detskogo kostno-tuberkuleznogo sanatoriya imeni N.K. Krupskoy Ministerstva zdravookhraneniya Uzbekskoy SSR (glavnyy vrach Kh.I.Yusupova).

(SPINE—TUBERCULOSIS)