

SHPITAL'NIK, S.S., st. nauchn. sotr.; TROFIMOVA, L.I., st. nauchn. sotr.; LUPASHKO, Ye.I., red.; CHAYKO, I.V., red.; MYTSOVA, S., red.

[Bibliographical index of scientific papers of the Kishinev State Medical Institute, 1946-1961] Bibliograficheski ukazatel' nauchnykh rabot Kishinevskogo gosudarstvennogo meditsinskogo instituta, 1946-1961. Kishinev, Kartia moldoveniaske, 1963. 435 p. (MIRA 17:11)

1. Kishinev. Gosudarstvennyy meditsinskiy institut. Biblioteka. 2. Nauchnaya biblioteka Kishinevskogo meditsinskogo instituta (for Shpital'nik, Trofimova).

USSR / Cultivated Plants. Fodder Crops.

M-5

Abs Jour : Ref Zhur - Biologiya, No 13, 1958, No. 58629

Author : Lupashku, M. F.
Inst : Moldavian Branch Acad. Sci. USSR
Title : The Place of Corn in the Green Fodder Area

Orig Pub : Izv. Moldavsk. fil. AN USSR, 1957, No 1, 3-15

Abstract : The study of periods and methods of corn sowing, of the selection of varieties and of its period of utilization as green fodder showed, that it is necessary to sow corn in 4 - 5 various periods in order to provide animals with green mass in the central zone of Moldavia. It is recommended to sow the first two parts at an interval of 15 - 20 days. Later on, the interval is increased to 20 - 25 days. The percentage of green mass constituted on an average of 2 years is 402.5, 437.0, 352.5 cwt/ha according to the sowing periods. The highest

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UBSR / Cultivated Plants. Fodder Crops.

M-5

Abs Jour : Ref Zhur - Biologiya, No 13, 1958, No. 58629

yield of corn was obtained by keeping distance of 30 cm between the rows during sowing. It is recommended to start feeding corn for green forage when the plants are 70 - 90 cm high. The time of utilization of one period of sowing is 10 - 15 days. -- M. A. Novoderzhkina

Card 2/2

78

LUPASHYU, M.F., Cand Tech Sci—(diss' "Certain problems ^{of agricultural} ~~of agr. engineering~~
~~ing~~ ^{of the} cultivation of ^{annual} ~~one-year~~ fodder crops for green fodder and ^{silage} ~~silage~~ under
the central zone of Moldavia conditions." Kishinev, 1958. 17 pp with
drawings (Min of Agr USSR. Kishinev Agr Inst in M.V. Frunze), 100 co-
pies (KL, 30-58, 129)

-107-

GORDIYENKO, V.A., red.; KALASHNIK, N.S., red.; KIBASOV, P.T., kand.
sel'khoz. nauk, red.; KOROVIKO, P., red.; LATCHENKO, V.N.,
red.; LIBERSHTEYN, I.I., kand. sel'khoz. nauk, red.;
LISUNOV, I.K., red.; LUPASHKIN, M.F., kand. sel'khoz. nauk,
red.; PISKUNENKO, I.I., kand. ekon. nauk, red.

[Brief work results for 1962] Kratkie itogi rabot za 1962
god. Kishinev, "Kartia moldoveniaske," 1963. 72 p.

(MIRA 17:10)

1. Moldavskiy nauchno-issledovatel'skiy institut selektsii,
semenovodstva i agrotekhniki polevykh kul'tur.

LUPE, A.

LUPE, A.
"Activities of the chair of synthetic fibers of the Moscow Textile Institute", p. 28,
(TEXTILE, Vol. 2, no. 8, Aug. 1951, Bucuresti)

SO: Monthly List of East European Accession, Vol. 2, no. 8, Library of Congress,
August 1953, Uncl.

LUPE, I.

"New experiments with windbreaks", p.5, (REVISTA PADURILOR, Vol. 67, no. 8, Aug. 1952, Bucuresti)

SO: Monthly List of East European Accessions, Vol. 2, no. 8, Library of Congress, August 1953, Uncl.

LUPE, I.

"Criterion for arrangement of protective plantings; formation, composition, and structure." p. 8. (REVISTA PADURILOR, Vol. 68, no. 4, Apr. 1953, Bucuresti, Rumania)

SO: Monthly List of East European Accessions, L. C., Vol. 3, No. 4, April 1954, Uncl.

LUPE, I.

"Hedge and tree shelter belts for the protection of forest nurseries." p. 26.
(REVISTA PADURILOR, Vol. 68, no. 11, Nov. 1953, Bucuresti, Rumania)

SO: Monthly List of East European Accessions, L. C., Vol. 3, No. 4, April 1954, Uncl.

LUPE, I.

"Effect of forests and shelter belts upon climate and agricultural crops".
p. 170, (REVISTA PADURILOR, Vol. 69, No. 4, Apr. 1954, Bucuresi, Rumania)

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

LUPE, I.; CATRINA, I.

"Contributions to the Improvement of the Corridor Method in Shelter Belts."
P. 256. (ANALELE ROMANO-SOVIETICE, Vol. 69, No. 6, June, 1954, Bucuresti,
Rumania.)

SO; Monthly List of East European Accessions, (EEAL), LC, Vol. 4,
No. 1, Jan. 1955 Uncl.

IUPE, I.

"Contribution to knowledge of the growth of oaks and other ligneous species in continental sands. p. 385 (REVISTA PADURILOR, Vol. 69, no. 9, Sept. 1954 Bucuresti, Rumania)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 5, May 1955. Uncl.

LUFE, I.

"Effects of the herbicide 2-4 D on some ligneous plants in shelter belts.
p. 26. (REVISTA PADURILOR, Vol. 70, no. 1, Jan. 1955. Bucuresti, Rumania.)

SO: Monthly List of East European Accessions, (EEAL), IC.
Vol. 4, No. 5, May 1955. Uncl.

LUPE, I.: SPIRCHEZ, Z.

Results of experiments with shelter belts for protecting fields in
Cimpia Transylvania. p. 361. REVISTA PADURILOR. Bucuresti. Vol. 70,
No. 7, July 1955.

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, No. 3, March 1956.

LUFÉ, I.

Eugen Costin's Probleme de amelioratii silvice in lumina lucrarilor vazute in USSR (Problems of Forest Improvement in the Light of Work Observed in the USSR); a book review. p. 356. Revista Padurilor. Bucuresti. Vol. 70, nr. 8, Aug. 1955.

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, No. 3, March 1956.

L-2

Lupe
RUMANIA / Cultivated Plants.

Abs Jour : Ref Zhur - Biol., No 6, March 1957, No 22675

Author : Lupe, Katrina, Marku

Inst : Not given

Title : The Effect of Forest Protective Strips on Wheat and Rye
Crops in Beregan and Dubrudzhe in 1952-1953

Orig Pub : Bul. stiint. Acad. RPR. Sec. biol. si stiinte agric., 1956,
8, No 1, 199-208

Abstract : In years of normal weather conditions the wheat crop increase on sections protected by forest strips in the Dobrudzhe steppe amounted to 350 kg/hectare, which constituted an increase of 20 percent, and in Beregan -- 550 kg/hectare, or 50 percent higher by comparison with crops in open fields. The oat crop increase in Beregan was 150 kg/hectare, or 18

1956, I.

Hares and forest steel or belts. p. 154.

ANALIZA SI INVA-SOVIETICE. S. M. I. A. R. I. C. I. D. R. A.

Vol. 79, no. 3, May 1956

Romania

Source: EAST EUROPEAN NOTES Vol. 5, no. 10 Oct. 1956

LUPE, I.

A New Outline for Mixed Planting in Shelter Belts Protecting Railroads.
p. 361. REVISTA PADURILOR. (Asociatia Stiintifica a Inginerilor si
Technicienilor din Rominia si al Ministerului Agriculturii si Silvicul-
turii) Bucuresti. (Journal on forestry issued by the Scientific
Association of Engineers and Technicians of Rumania and the Minis-
try of Agriculture and Forestry; with Russian summaries. Monthly)
Vol. 70(i.e. 71), no. 6, June, 1956.

SOURCE: East European Accessions List, (EEAL) Library of Congress, Vol. 5,
no. 11, November, 1956.

LUPE, I.

Suggestions for new, more economical formulas for variety of species in forest shelter belts. p. 295.

REVISTA PADURILOR

Vol. 71, no. 5, May 1956

Romania

Source: EAST EUROPEAN LISTS Vol. 5, no. 10 Oct. 1956

LUPE
RUMANIA/Forestry - Forest

J-4

Abs Jour : Referat Zhur - Biologiya, No 16, 25 Aug 1957, 69111

Author : Lupe

Inst :

Title : The Problem of the Effect of Illumination on Germination of Elm Seeds.

Orig Pub : Rev. padurilor, 1956, 71, No 8, 506-508

Abstract : It is established by experiments in Rumania that seeds of *Ulmus foliacea* Gilib., as well as the seeds of *Ulmus montana*, collected when ripe, manifest better germination in light than in the dark. Light becomes a powerful stimulator of germination; therefore, it is recommended that in sowing elm seeds they be covered with as light a layer of soil as possible.

Card 1/1

- 31 -

LUPE, I.

Suggestions for using the fine alluviums from store-reservoirs in the forest nurseries and cultures.

P. 766 (REVISTA PADURILOR) (Bucuresti, Rumania) Vol. 71, no. 12, Dec. 1957

SO: Monthly Index of East European Accessions (EEAI) LC Vol. 7, No. 5. 1958

RUMANIA/Cultivated Plants. Fruits. Berries.

11

Abs Jour : Ref Zhur-Biol., No 15, 1958, 68327

Author : Luce, I. Z., Spirchez, Z., Popescu-Basarab, Ch.,
Lefter, R., Mihail, St.

Inst : Scientific Research Institute of Agriculture.
Title : The Problem of Fruit Tree Fertility in Field
Protection Belt Plantations.

Orig Pub : Gradina, via si livada, 1957, 6, No 6, 61-66

Abstract : With proper care, a number of trees produced abundantly (sweet cherry, apricot (with a bitter stone), almond, mirabelle, and berry bushes); the trees were planted in the field protection belts of four experiment stations of the Scientific Research Institute of Agriculture (IKAR). -- Ye. T. Zhukovskaya

Card : 1/1

155

COUNTRY: Romania
 CATEGORY: CULTIVATED PLANTS.
 AES. JOUR. : REF ZHUR - BIOLOGIYA, NO. 4, 1959, No. 15575
 AUTHOR : Lupu, I.; Mihail, St.; Sabie, P.; Dragut, N.
 INST. : ---
 TITLE : Effect of Shelter-belt plantings on Grain Crops in Dobrogea.
 ORIG. PUB. : Probl. agric., 1957, 9, No.7, 16-22
 ABSTRACT : In the conditions of the Dobrogea steppe, field shelter belts of 9.5 meters in height (researched by the forestry experimental station at Constanta) contributed to a 40.7% increase in the oats harvest and 59.7% increase of wheat as compared with crops in the unsheltered zone. The gain in crop yield exceeded 1.5 to 10 times the crop that would have been reaped on the areas occupied by the field shelter belt plantings. In the Dobrogea
 CARD: 1/2

COUNTRY : M
CATEGORY : CULTIVATED PLANTS.
ABST. JOUR. : REF ZHUR - BIOLOGIYA, NO. 4, 1959, 1507
AUTHOR :
INST. :
TITLE :
ORIG. PUB. :
ABSTRACT : conditions, the best direction of shelter belts is from east to west.
CARD: 2/2

RUMANIA/Cultivated Plants - Fruits. Berries.

M-6

Abs Jour : Ref Zhur - Biol., No 20, 1958, 91790

Author : Lupe, Ioan

Inst : Institute of Agricultural Research.

Title : On the Problem of Fruit Growing in Field Shelter Belts.

Orig Pub : Rev. pvadurilor, 1957, 71, No 7, 444-448

Abstract : The studies of the experimental stations of the Institute of Agricultural Research (Marculesti, Frumos and others, 1955-1956) have established that in growing fruit trees and bushes in the experimental field shelter belts the following big crops were obtained: apricots, red currants, gooseberries, privets, and a somewhat smaller crop of cherries, Myrobalan plum, almonds, etc. The apricot crop in the field-shelter belt of 4.7 kilometers comprised 170 centners of fruit, or 36 centners per 1 kilometer of

Card 1/2

RUMANIA/Cultivated Plants - Fruits. Berries.

M-6

Abs Jour : Ref Zhur - Biol., No 20, 1958, 91790

the belt. On the slopes of the field-shelter belts with southern exposure the yield was greater. -- Ye. T. Zhukovskaya.

Card 2/2

LUPE, L, and others.

Additions to the knowledge of the influence of shelter belts on the culture of cereals in Dobruja.

p. 577 (Revista Padurilor) Vol. 71, no. 9, Sept. 1957, Bucuresti, Rumania

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

IUPE, I. Z.

URNAME, Given Names

Country: Rumania

Academic Degrees: -not given-

Affiliation: -not given-

Source: Bucharest, Comunicarile Academiei Republicii Populare Romine, Vol XI,
No 12, 1961, pp 1475-1479.

Data:
"New Stations and Elucidation of a Doubtful Station of Ligneous
Plants in the Flora of the Rumanian People's Republic."

LUPE, I. Z.; LAZARESCU, C.

Biometric studies on the seeds of Fraxinus excelsior L. Studii cerc
biol veget 14 nc. 1:125-130 '62.

1. Comunicare prezentata de C. C. Georgescu, membru corespondent al
Academiei R.P.R.

LUFE, Ioan Z.

Biogroup and square plantations of oak tree culture, after 12 years,
on Lacul Sarat, Braila. Comunicarile AR 13 no.1:59-67 Ja '63.

1. Comunicar^e prezentata de C.C. Georgescu, membru corespondent
al Academiei R.P.R.

LUPE, I. Z., ing. (Bucuresti)

The white sea buckthorn (*Hippophae rhamnoides* L.) *Natura*
Biologie 16 no. 1:71-73 Ja-F '64.

DICK, J.; RISTICI, J.; NEACSU, M.; LUPEA, A.

A new series of compounds with physiological characteristics,
the N,N'-diamino-piperazine series. Pt. 1. Studii chim
Timisoara 10 no.2:179-187 J1-D163.

LUPEA, V.
PAUNESCU-PODEANU, A.; LUPEA, V.

Primary hypodysproteinoses (constitutional, familial).
Med.int.,Bucur. 8 no.6:802-808 Oct 56.

(BLOOD PROTEINS, deficiency
primary, constitutional & familial, case reports)

LUPEA, V.

PAUNESCU-PODEANU, A.; BERINDE, L.; GEORGESCU, I.; SGAVFRDIA, C.; ROTH, L.; SANDOR, S.;
LUPEA, V.; REICHTATH, S.

Antibody disease; A case of complex disorder of the process of
antibody formation. Med. int., Bucur. 9 no.6:915-920 June 57.

(ANTIBODIES

form. disord. causing defic. of immunizing antibodies
& excess of allergizing & aggressive antibodies.)

LUPEA, V.

(38)

(57)

1. "Reology and Its Importance in Pharmaceutics," Farm A. SCUTCORN, Farm Imp. 7. ROVIVIC and Farm A. SPITZER; pp 2-201.
2. "Investigations in the Pharmacology of Hydrocortisone Class (VII). New Compounds Having an Antihistaminic Action," Dr. V. ROMA, Farm D. GREAVU, Farm Aurora ROBAT, Farm S. GRIBITA and Prof. Al. NAVIDIC. Work performed at the Laboratory of Organic Chemistry (Laboratoriul de Chimie Organica) of the School of Pharmacy (al Facultatii de Farmacie), Bucharest; English summary: pp 203-212.
3. "Contributions to the Study of the Stability of Choral Hydrate and Soda Linalol Solutions," Sigr. Farm V. TRUCU, Farm Vasilica ATROSCU and Farm Sc. VOISSCU; English summary: pp 213-223.
4. "On the Antituberculous Activity of Certain Hydrazid Derivatives of the α -Benzoyl- β -methylcrotonamic Acid and Methylacetic Acid Series (Series III), Prof. V. TRUCU, Prof. N. VALESCU, Conf. P. GRIGORICU, Dr. V. TRUCU, Chemist VICTORIA SAVU, Chemist CATERINA MOCULESCU, Dr. M. PATULESCU, Dr. Sgr. VOISSCU and Dr. A. IOPEI; English summary: pp 219-227.
5. "Study of the Antituberculous Action of Certain New Synthetic Derivatives of the α -Benzoyl- β -methylcrotonamic Acid," Conf. P. TRUCU, Conf. P. GRIGORICU, Chemist VICTORIA SAVU, Dr. D. TRUCU, Dr. M. PATULESCU, Dr. V. TRUCU, Dr. M. PATULESCU, Dr. Sgr. VOISSCU and Sgr. IOPEI; English summary: pp 229-233.
6. "Study of Galenic Excipients for Various Galenic Substances with a Prolonged Action," Prof. V. TRUCU, Farm I. BAR, Farm V. FRIBAS, Dr. I. TRUCU and Dr. S. TRUCU. Work performed at the Galenic Department (Catedra de Galenice) of Clinic II for Gynecology (Clinica II-a de Ginecologie); pp 235-237.
7. "Contribution to the Study of the Cooper Content of Breed Halls of Various Plants," (Farm V. TRUCU and Farm V. BODEANU); English summary: pp 239-242.

Lupe

RUMANIA / Cultivated Plants.

L-2

Abs Jour : Ref Zhur - Biol., No 6, March 1957, No 22675

Author : Lupe, Katrina, Marku

Inst : Not given

Title : The Effect of Forest Protective Strips on Wheat and Rye
Crops in Beregan and Dubrudzhe in 1952-1953

Orig Pub : Bul. stiint. Acad. RPR. Sec. biol. si stiinte agric., 1956,
8, No 1, 199-208

Abstract : In years of normal weather conditions the wheat crop increase on sections protected by forest strips in the Dubrudzhe steppe amounted to 350 kg/hectare, which constituted an increase of 20 percent, and in Beregan -- 550 kg/hectare, or 50 percent higher by comparison with crops in open fields. The oat crop increase in Beregan was 150 kg/hectare, or 18

Card : 1/2

RUMANIA / Cultivated Plants

L-2

Abs Jour : Ref Zhur - Biol., No 6, March 1957, No 22676

Abstract : percent. Immediately adjacent to the strip, at a distance up to 16 m., the yield of wheat is lower than in the open field. This did not occur on oat sowings, which tolerate shade better than wheat. It is recommended that the interstrip distances be limited to 250-300 m.

Card : 2/2

2

Geologic studies in the sector Baia Sprie-Capnic (Region
Baia Mare). V. Maniici and N. Lupci. Dati scind
Sedintelor, Rep. Populară Română, Com. geol. 38, 72-93
(1930-61) (Pub. 1954).—Petrographic data are given for
andesites, silicified andesites, rhyolites, dacitic tuffs, and
dacites. Werner Jacobson

WJ

LUPEI, Nestor, geolog

Problem of arched supports in mining. Rev min 13 no.3:114-116
Mr '62.

1. Inspectoratul regional geologic minier, Hunedoara.

LUPEI, Nestor, conf.; GHITULESCU, T., ing.; GRAEF, Carol, ing.; ILICA, D., ing.;
ANDREI, M.

Regional geologic conferences. Rev min 14 no.9:420-421 S '63.

LUPEKIN, L.A.; GINSBURG, V.N., starshiy inzhener po organizatsii proizvodstva

The collective of the factory named after Kapranov struggles for
a high quality of footwear. Khozh.-obuv.prom. 4 no.1:4-6 Ja '62.
(MIRA 15:3)

1. Glavnyy inzhener obuvnoy fabriki imeni Kapranova (for Lupekin).
(Shoe manufacture)

KEDROV, L.V.; KACHKO, I.L.; KOZLOVA, Z.V.; RUBASHKINA, T.S.;
SIMONOV, I.G.; LUPEKIN, L.A.; BORISOVA, N.V.; FETISOVA,
N.A.; VAYSBERG, I.Ye.; SUGHKOV, V.G.; KERENNIYOV, N.S.;
FILATOV, M.F., red.; ZMIYEVSKAYA, L.G., red.

[Flexible footwear] Gibkaia obuv'. Moskva, 1962. 38 p.
(MIRA 17:8)

1. TSentral'nyy institut nauchno-tekhnicheskoy informatsii
legkoy promyshlennosti.

LUPEKIN, L.A.; MOROZOV, A.M.

Production combine "Vostok" of Moscow strives to maintain the good name of the firm's trademark. Kozh.-obuv. prom. 7 no.5: 9-14 My '65. (MIRA 18:8)

1. Glavnyy inzhener Moskovskogo ob'yedineniya predpriyatiy model'noy obuvi "Vostok" (for Lupekin). 2. Zamestitel' general'nogo direktor po ekonomicheskim voprosam.

LUPENKO, I.S., inzh., nauchnyy red.; EL'KINA, E.M., tekhn.red.

[Collection of abstracts on research papers on building and architecture; research carried out in 1958] Sbornik annotatsii nauchno-issledovatel'skikh rabot po stroitel'stvu i arkhitekture; raboty, vypolnennyye v 1958 g. Moskva, Gos.izd-vo lit-ry po stroit., arkhit. i stroit.materialam, 1959. 602 p.

(MIRA 12:12)

1. Akademiya stroitel'stva i arkhitektury SSSR. Tsentral'nyy institut nauchnoy informatsii po stroitel'stvu i arkhitekture.
(Building research)

SOSHIN, A.V., doktor tekhn. nauk, prof.; SOKOLOV, N.M., doktor tekhn. nauk, prof.; TCHOPOL, A.S., kand. tekhn. nauk, dots.; BELINOVICH, M.S., inzh.; PETROV, H.S., kand. tekhn. nauk; LUPENKO, I.S., inzh., nauchn. red.

[Technology of the construction industry] Tekhnologiya stroitel'nogo proizvodstva. [By] A.V.Soshin i dr. Moskva, Stroizdat, 1964. 423 p. (MIRA 17:10)

LUPENKO, L.G.

Effect of the time of transplanted on the yield of tomatoes.
Kons.i ov.prom. 17 no.7:31 JI '62. (MIRA 15:6)

1. Batayskiy oporny punkt.
(Rostov Province--Tomatoes)

SHTEYNGOL'TS, I.I.; LUPENKO, V.I.

Flow sheet for the economical regeneration of propane at deasphalting
plants. Khim.i tekhn. topl. no.7:44-50 JI '56. (MIRA 9:9)

1. Institut Giproneftezaved.
(Propane) (Petroleum--Refining) (Asphalt)

AUTHORS: Lupenko, V. I. and Shuaev, E.S. 549
TITLE: On the duration of purging a system with a stream of
an inert gas. (O prodolzhitel'nosti produvki sistemy
inertnym gazom).
PERIODICAL: "Khimiya i Tekhnologiya Topлива i Masel" (Chemistry and
Technology of Fuels and Lubricants), 1957, No.2,
pp. 58-60 (U.S.S.R.)
ABSTRACT: An equation for calculating the time required for
purging was derived:

$$t = - \frac{v}{m} \ln \frac{x - c}{a - c}$$

where: t - purging time; v - volume of system in m³;
m - rate of supply of an inert gas in m³/hour;
x - final concentration of the gas component being
purged; c - concentration of the same component in the
purging gas; a - initial concentration of the gas
component being purged. In the derivation of the
above formula an instantaneous and ideal mixing of
gases was assumed. On the basis of experience, it is
recommended to multiply the calculated time by a
factor of three. 1 figure, no references.

Card 1/1

SUGROBOV, N.P., inzh.; FUSE, S.M., inzh.; LUPENKO, Yu.I., inzh.

Building the Amur Paper and Pulp Combine. Prom. stroi. 42
no.12:42-45 D '64. (MIRA 18:3)

LUPESCU, A., ing.; VOROBICIUC, O., ing.; TOPA, N., ing.

New bridges in the city of Bucharest. Rev transport 8 no. 3:
93-99 Mr '61.

1. Director tehnic la Institutul de proiectare "Proiect Bucuresti" (for Lupescu).

LUPESCU, A., ing.; VERNESCU, P., ing.

Standardization of constructions for industrial production. Rev
constr si mat constr 16 no.9:470-478 S '61.

1. Director, Institute of Technical Construction Planning (for
Lupescu). 2. Technical Director, Institute of Technical Construc-
tion Planning (for Vernescu).

MEMORANDUM

FI. DURRANI, Chief of Operations (see Durani), Bucharest (identification
not given)

"Recognizing Fruit Trees in Winter"

Sochet st, Natura Scia Biologia, Vol. 14, Pt. 6, Nov-Dec 1968, p. 67-68.

Abstract & detailed description of the bud formation patterns of various
trees - apples, pears, prunes, cherries, peaches and others, to permit
identification of seedlings in winter. Six illustrations.

LUPESCU, Fl., Chief of Operations (Sef de Lucrari), Bucharest
[affiliation not given]

"Autumn Work in the Orchard."

Bucharest, Natura. Scia Biologie, Vol 15, No 5, Sep-Oct 63,
pp 64-66.

Abstract: A brief review of the agricultural work to be performed on the school lots during the fall, as part of the teaching of Agriculture in the Seven (Eight)-Year Schools. In chronological order, the operations are: the harvesting of fruits and the selection of sowing seeds, the stratification of seeds and kernels, sowing, mulching young grafts, winter spraying, etc.

1/1

LUPESCU, Fl., *sef lucrari* (Bucuresti)

Spring work in seedbeds of trees. *Natura Biologie* 16 no. 1:
53-56 Ja-F '64.

ROMANIA

LUPESCU, Ioanin, MD.

Bucharest, Sanatatea, No 12, Dec 63, p 19

"The Importance of Determining the PH Factor."

LUPESCU, Iulius, ing.; MAIOR, Gustave, ing.

Welding of some inoxidable and refractory alloy steels. Constr.
mas 16 no.7:370-375 JI '64.

E 64353-65 EWA(d)/EWP(v)/T/EWP(t)/EWP(k)/EWP(z)/EWP(b)/EWA(c) JD/HM

ACCESSION NR: AP5023500

RU/0018/64/000/010/0557/0560

AUTHOR: Maier, Gheorghe; Lupescu, Iuliu

23
B

TITLE: Welding of thick sheets by the slag bath technique

SOURCE: Constructia de masini, no. 10, 1964, 557-560

TOPIC TAGS: sheet metal, electroslag welding, steel, butt welding, metal welding

ABSTRACT: [Authors' English summary modified]: Describes a series of tests performed at the "23 August" Plants of Bucharest to determine optimal parameters for the slag-bath welding of sheets of various thicknesses. Among the factors tested were the composition of the bath, the temperature, and the time of the operation. It was concluded that the technique is especially suitable for the butt welding and T-welding of OL42 steel parts of 50 to 55 millimeter thickness, and that a normalizing thermic treatment is advisable. Orig. Art. Incl.: 4 figures and 2 tables.

1/2

L 64353-65

ACCESSION NR: AP5023500

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: IE, MM

NR REF SOV: 000

OTHER: 000

JPRS

dm
2/2

VOLKOV, S.S.; UMRIKHIN, P.V.; ARZAMASTSEV, Ye.I.; LUPEYKO, V.

Using manganese limestone in oxygen blowing. Izv. vys. usheb.
zav.; chern. met. 8 no.10:52-58 '65. (MIRA 18:9)

1. Ural'skiy politekhnicheskiy institut.

S/137/62/000/005/014/150
A006/A101

AUTHOR: Lupeyko, V. M.

TITLE: A force unit for the blowing of refined materials into liquid metal

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 5, 1962, 35, abstract 5V218
("Tr. Ural'skogo politekhn. in-ta", 1961, no. 116, 130-134)

TEXT: The author describes in detail the design of a unit developed by UFAN and UPI and tested on a low-capacity open hearth furnace at the Verkh-Isetsk Metallurgical Plant. The unit is operated in the following way: Precrushed material, intended to be blown into the liquid pool of the open hearth furnace, is poured into the pneumatic-force-device bin, suspended on spring scales near the furnace. With the aid of compressed gas, supplied from a main pipeline or cylinders, the material mixed with gas (in a given ratio) is pushed from the bin through a rubber hose into a nozzle, mounted on a special trolley, and from the nozzle to the pool. Nozzles of two types were used: single-lining nozzles, representing a metal pipe lined with refractory tubes which are immersed directly into the metal; and a water-cooled nozzle (during blowing in of the material it is located over the pool, the material is blown through the slag). The author

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A force unit for the blowing

S/137/62/CCO/CG5/014/150
A006/A101 .

presents schematic drawings and a detailed description of the basic parts of the unit, i.e. the force device, the nozzle (lined and water cooled) and the nozzle trolley. The basic parameters of the unit are: diameter of the bin cover - 900 mm; bin height - 700 mm; operational gas pressure in the bin - 2 to 3 atm.; size of material particles blown into the pool 0.01 - 3 mm; maximum blast intensity (of 2 mm particles) 25 - 30 kg/min; length of lined nozzle 2,250 mm, length of water cooled nozzle - 2,650 mm.

V. Kudrin

[Abstracter's note: Complete translation]

Card 2/2

LUPEYKO, V.M.; YERSHOV, G.S.; UMRIKHIN, P.V.; MIKHAYLIKOV, S.V.

Improving the method of metal refining by synthetic slags.
Izv. vys. ucheb. zav.; chern. met. 7 no.3:57-65 '64.

(MIRA 17:4)

1. Ural'skiy politekhnicheskiy institut.

LUPEYKO, Ye.

Self-service counters in schools. Obshchestv. pit. no. 7:
42 JI '61. (MIRA 14:8)

1. Nachal'nik sektora obshchestvennogo pitaniya orsa
Aktyubinskogo otdeleniya Kazakhskoy zheleznoy dorogi.
(Aktyubinsk--School lunchrooms, cafeterias, etc.)

LUPENKO, Yu.

LUPENKO, Yu., proizveditel' rabot.

Discussion of labor organization. Stroitel' no.6:24 Je '57.
(MLRA 10:9)

(Construction industry)

LUPERT, M.

Aerobic bacteria in the plant associations Fagetum abietosum and
Blechnum abietum in Gorski Kotar. p.333. SUMARSKI LIST. Zagreb.
Vol. 79, no. 9/10, Sept./ Oct. 1955.

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

Lupescu, I.

LUPESCU, I. VLIMOV. V.

LUPESCU, I. VLIMOV. V. Plate springs in the construction of measuring instruments. p. 42.

Vol. 8, no. 12, Dec. 1956
METALURGIA SI CONSTRUCTIA DE MASINI.
TECHNOLOGY
RUMANIA

So: East European Accession, Vol. 6, No. 5, May 1957

~~LUFESCU, I.~~

Automatic couplings with bells or with rollers.

p. 27 (Metalurgia Si Constructia De Masini. Vol. 9, no. 8, Aug. 1957. Bucuresti, Rumania)

Monthly Index of East European Accessions (EEAI) IC. Vol. 7, no. 2,
February 1958

PA 67/49T8

USSR/Chemistry - Adsorption, Exchange
Acids, Aliphatic Aug 49

"Research on the Exchange Adsorption of Barium Hydroxide on Crystals of Aliphatic Acids," M. Ye. Lupets, A. A. Trepeznikov, Inst of Phys Chem, Moscow, Acad Sci USSR, 11 3/4 pp

"Zhur Fiz Khim" Vol XIII, No 8

Curves for the kinetics of exchange adsorption of Ba(OH)₂ on crystals of palmitic acid fall into three groups, determined by the temperature intervals of 47, 47-59, and 59-60° C. Between these intervals, the rate of the process increases in jumps. Based

67/49T8

USSR/Chemistry - Adsorption, Exchange Aug 49
(Contd)

on the inverse ratio of the temperature to the logarithm of the primary rate of the process in the first 5 minutes, the energy of activation for these three temperature intervals is given as 4,100, 16,000 and 230,000 calories per mole, respectively. Observed changes in the form of the crystalline hemisphere at increased temperatures and the relation of temperature and electroconductivity in the course of 6 hours in the dry state and in water. Made experiments of similar nature with stearic acid crystals whose characteristic points of polymorphic transition are 35, 48, and 60-65° C. Submitted 19 Jul 48.

67/49T8

LUPETS, M. YE

BARDIN, I.P., akademik; REZNICHENKO, V.A.; SIDORENKO, G.D.; REVEBTSOV,
V.P.; LUPEYKO, V.M.

Results of enlarged laboratory investigations on the converter
blowing of niobium pig iron. Titan i ego splayy no.2:35-39
(MIRA 13:6)
'59.

1. Institut metallurgii AN SSSR i Institut metallurgii Ural'-
skogo filiala AN SSSR.
(Bessemer process) (Niobium)

LUPEYKO, V.M., inzh.; UMRIKHIN, P.V., doktor tekhn.nauk, prof.

Acceleration of steel smelting processes by injecting into
the open-hearth furnace bath ground slag-forming materials.
Izv.vys.ucheb.zav.; chern.met. 2 no.10:29-41 0 '59.
(MIRA 13:3)

1. Institut metallurgii Ural'skogo filiala AN SSSR. Re-
komendovano kafedroy metallurgii stali Ural'skogo politekhni-
cheskogo instituta.
(Steel--Metallurgy) (Open-hearth furnaces)

LUPEYKO, V M.

85

PHASE I BOOK EXPLOTTATION

BOV/5556

Moscow. Institut stali.

Novoye v teorii i praktike proizvodstva martenovskoy stali (New [Developments] in the Theory and Practice of Open-Hearth Steelmaking) Moscow, Metallurgizdat, 1961. 439 p. (Series: Trudy Mezhvuzovskogo nauchnogo soveshchaniya) 2,150 copies printed.

Sponsoring Agency: Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya RSFSR. Moskovskiy institut stali imeni I. V. Stalina.

Eds.: M. A. Glinkov, Professor, Doctor of Technical Sciences, V. V. Kondakov, Professor, Doctor of Technical Sciences, V. A. Kudrin, Docent, Candidate of Technical Sciences, G. N. Oyka, Professor, Doctor of Technical Sciences, and V. I. Yavoyskiy, Professor, Doctor of Technical Sciences; Ed.: Ye. A. Boriko; Ed. of Publishing House: N. D. Gromov; Tech. Ed.: A. I. Karasev.

PURPOSE: This collection of articles is intended for members of scientific institutions, faculty members of schools of higher education, engineers concerned with metallurgical processes and physical chemistry, and students specializing in these fields.

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New [Developments] in the Theory (Cont.)

807/5556

COVERAGE: The collection contains papers reviewing the development of open-hearth steelmaking theory and practice. The papers, written by staff members of schools of higher education, scientific research institutes, and main laboratories of metallurgical plants, were presented and discussed at the Scientific Conference of Schools of Higher Education. The following topics are considered: the kinetics and mechanism of carbon oxidation; the process of slag formation in open-hearth furnaces using in the charge either ore-lime briquets or composite flux (the product of calcining the mixture of lime with bauxite); the behavior of hydrogen in the open-hearth bath; metal desulfurization processes; the control of the open-hearth thermal melting regime and its automation; heat-engineering problems in large-capacity furnaces; aerodynamic properties of fuel gases and their flow in the furnace combustion chamber; and the improvement of high-alloy steel quality through the utilization of vacuum and natural gases. The following persons took part in the discussion of the papers at the Conference: S.I. Filippov, V.A. Kudrin, M.A. Glinkov, B.P. Nam, V.I. Yavoyskiy, G.N. Oyks and Ye. V. Chelishchev (Moscow Steel Institute); Ye. A. Kazachkov and A. S. Kharitonov (Zhdanov Metallurgical Institute); N.S. Mikhaylets (Institute of Chemical Metallurgy of the Siberian Branch of the Academy of Sciences USSR); A.I. Stroganov and D. Ya. Fovolotskiy (Chelyabinsk Polytechnic Institute); P.V. Umrikhin (Ural Polytechnic Institute); I.I. Fomin (the Moscow "Serp i molot" Metallurgical Plant); V.A. Fudlev (Central Asian Polytechnic Institute)

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84

New [Developments] in the Theory (Cont.)

80V/5556

and M.I. Beylinov (Night School of the Dneprodzerzhinsk Metallurgical Institute).
References follow some of the articles. There are 268 references, mostly Soviet.

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5

Yavoyakiy, V. I. [Moskovskiy institut stali - Moscow Steel Institute].
Principal Trends in the Development of Scientific Research in Steel
Manufacturing

7

Filippov, S. I. [Professor, Doctor of Technical Sciences, Moscow Steel
Institute]. Regularity Patterns of the Kinetics of Carbon Oxidation
in Metals With Low Carbon Content
[V. I. Antonenko participated in the experiments.]

15

Levin, S. L. [Professor, Doctor of Technical Sciences, Dnepropetrovskiy
metallurgicheskiy institut - Dnepropetrovsk Metallurgical Institute].

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New [Developments] in the Theory (Cont.)	807/5556	7
Kondrat'yev, A.I., and V.A. Chernyakov. [Engineers, Moscow Steel Institute]. Intensification of the Steel Desulfurization Process		147
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Lupsyko, V.M. [Engineer], and P.V. Umrikhin [Institut metallurgii Ural'skogo filiala AN SSSR - Institute of Metallurgy of the Ural Branch of the Academy of Sciences USSR]. Intensifying Steelmaking Processes by Blowing the Powdered-Slag Formers Into the Open-Hearth Bath		161
[V.F. Isupov, I.G. Padyayev, and others participated in the research work]		
Sobolev, S.K. [Engineer], and G.N. Oyks, [Moscow Steel Institute]. Off-Furnace Desulfurization of Cast Iron by Blowing Lime and Aluminum Suspensions		173

Card 7/14

MATVIYETS, K.I., inzh.; LUPEZHOV, O.D.

Ways to safe electric power. Avtom., telem. i sviaz' 4. no.7:
24-25 JI '60. (MIRA 13:7)

1. Akmolinskaya distantiya signalizatsii i svyazi Kazakhskoy dorogi (for Matviyets).
2. Starshiy inzhener Borzinskoy distant-sii signalizatsii i svyazi Zabaykal'skoy dorogi (for Lupezhov).
(Electric power) (Railroads)

LUPI, I

"Criteria for the Location of Shelter Belt Plantations." II p. 18
(Revista Padurilor, Vol. 68, No. 9, Sept. 1953, Bucuresti)

Vol. 3, No. 3
SO: Monthly List of East European Accessions,/Library of Congress, March, 1954, Uncl.

CUPIBEE SA, T.

YUGO

(Clay deposits of the Arandelovac Basin. Todor Lunković, *Beograd (Belgrade) Rock Salt Mines, Tuzla, Yugoslavia, Zbornik Ist. Zbornik*, 1954, 135-54 (English summary, 156).--A description is given of the clay deposits in the Arandelovac Basin. The quality of the deposit, its use, the genesis of the deposit, and characteristic profiles are discussed. From the mineralogical and chem. constitution of the deposits, it is concluded that the Miocene deposits came from dacites, and the Pliocene deposits came from dacites, and the deposits of the clayey substances occurred in fresh water. J. Rojtar Leach

LUPICHEV, N. inzh.

Scientific technological conference on the improvement of the
technical means of petroleum transportation. Rech. transp.
24 no.7:49-50 '65. (MIRA 18:8)

LUPICHEV, N.

Advantage of tankers. Rech. transp. 20 no.11:24-25 N '61.
(MIRA 15:1)

1. Zamestitel' nachal'nika otdela nefteperevozok Morskogo
rechnogo flota.

(Tank vessels)

LUPICHEV, N.

Introduction of progressive practices in the operation of
petroleum tankers. Rech. transp. 21 no.6:14-15 Je '62. (MIRA 15:7)

1. Glavnyy dispetcher otdela neftepererozok Ministerstva
rechnogo flota.

(Tank vessels)

SVIRIDOV, A., inzh.; LUPICHEV, N., inzh.

Indices of the river fleet utilization. Rech. transp. ²²
no. 5:15-18 My '63. (MIRA 16:8)

(Inland water transportation)

LUPICHEV, N. P. laureat Stalinskoy premii.

Repairing tank vessels with fire by using inert gases. Mor. i rech. flot 13
no. 2:21-23 Ja '53. (MLRA 6:8)

(Tank--Vessels) (Welding--Safety measures)

LUPICHEV, N.

Applying a new towing method. Mor.1 rech.flot 14 no.3:28-29 Mr '54.
(MLRA 7:5)
(Towing)

ARTAMONOV, Dmitriy Semenovich; LUPICHEV, Nikolai Pavlovich, redaktor;
SHONIN, L.Ya., retsenzent; SVIRIDOVA, A.A., retsenzent;
VINOGRADOVA, N.M., redaktor; KRASHAYA, A.K., tekhnicheskii
redaktor.

[Manual for oil barge skippers] Posobie shkiperu nefteanalivnoi
barzhi. Izd. 2-oe, perer. i dop. Moskva, Izd-vo "Rachnoi
transport," 1955. 182 p. [Microfilm] (MLBA 9:1)
(Tank vessels) (Petroleum--Transportation)

DRINKOV, Valentin Dmitriyevich; YEFREMOV, G.V., retsenzent; ~~LUPICHEV, N.P.,~~
redaktor; KAN, P.M., redaktor izdatel'stva; SALAZKOV, N.P.,
tekhnicheskiiy redaktor

[The hulls of inland waters oil tankers] Korpusa neftenalivnykh sudov
vnutrennego plavaniia. Moskva, Izd-vo "Rechnoi transport," 1956.
233 p. (MIRA 9:10)

(Hulls (Naval architecture)) (Tank vessels)

LUPICHEV, N.P., inzh., laurest Stalinskoy premii; MIROMOV, V.P., kand. tekhn.
nauk

Increase the carrying capacity of the tanker fleet. Rech. transp. 18
no.4:7-10 Ap '59. (MIRA 13:1)
(Tank vessels)

LUPICHEV, N.P., inzh.; CHELYSHEV, F.S.; ZUBKOV, P.M.

Use of inert (smoke) gases for the transportation of petroleum
products and the repair of oil tank vessels. Proizv.-tekh. sbor.
no.3:50-66 '59. (MIRA 13:10)
(Tank vessels) (Petroleum industry--Safety measures)

BODROV, Aleksey Dmitriyevich; LUPICHEV, Nikolay Pavlovich; SEDOV, F.G.,
retsensent; ALEKSEYEV, V.I., red.izd-va; POKHLEBKINA, M.I.,
tekhn.red.

[Handbook for barge skippers] Posobie shkiperu barzhi. Moskva.
Izd-vo "Rechnoi transport," 1960. 215 p. (MIRA 14:2)
(Cargo handling) (Inland water transportation)

LUPICHEV, N.P.

Improving the filling, discharging and cleaning of tank vessels
used in petroleum transportation. Biul.tekh.-ekon.inform. no.11:
80-83 '61. (MIRA 14:12)
(Tank vessels) (Petroleum--Transportation)

LUPICHEV, Nikolay Pavlovich; MURATOV, S.M., retsenzent; ARISTOV, Yu.K.,
red.; FEDYAYEVA, N.A., red. izd-va; POKHLEBKINA, M.I., tekhn.
red.

[Use of inert gases in transporting petroleum products] Primene-
nie inertnykh gazov pri transportirovke nefteproduktov. Moskva,
Izd-vo "Rechnoi transport," 1961. 62 p. (MIRA 14:11)
(Tank vessels) (Gases, Rare)

MIRONOV, V., kand.tekhn.nauk; LUPICHEV, N., laureat Gosudarstvenney premii

Flexible containers for the transportation of petroleum products.
Rech. transp. 22 no.7:11-12 J1 '63. (MIRA 16:9)
(Petroleum--Transportation)
(Towing)

LUPICHEV, N., inzh.

Petroleum transportation along the Volga-Baltic Sea Waterway.
Rech. transp. 23 no.7:17 J1 '64. (MIRA 17:10)

LUPILOV, L. I

Category : USSR/Solid State Physics - Structure of Deformable
Materials.

E-8

Abs Jour : Ref Zhur - Fizika, No 3, 1957, No 6733

Author : Fuks, M.Ya., Slonovskiy, N.V., Lupilov, L.I.

Inst : Khar'kov Turbine Plant, USSR

Title : X-ray Diffraction Investigation of the Phenomena that
Accompany the Prolonged Stretching of Steel at High Tem-
perature.

Orig Pub : Fiz. metallov i metallovedeniye, 1956, 2, No 2, 328-338

Abstract : From the broadening of the lines on the X-ray diffraction patterns, an estimate was made of the degree of crumbling of the coherent regions and the magnitude of the macro stresses in 20 and 35 KhM steel, deformed by tension at 20, 300, 500 and 600°. The duration of the deformation changed from several minutes to 100 hours. When stretching at a speed of approximately 4% of the ultimate elongation per minute, at 20, 300, and 500°, the blocks become pulverized and micro stresses occur; at 500° these processes occur less intensely, but quite noticeable even in carbon steel. After deformation

LUPILOV, L.I.

FUKS, M.Ya.; SLONOVSKIY, N.V.; LUPILOV, L.I.

X-ray examination of phenomena due to long-run tensile strength testing of steel at high temperatures. Izv.AN SSSR Ser.fiz. 20 no.6:671-675 Jo '56. (MIRA 10:1)

1. Khar'kovskiy turbinnyy zavod imeni S.M. Kirova.

(Steel--Testing) (Metallography)

ACCESSION NR: AP4023731

S/0114/64/000/003/0008/0012

AUTHOR: Shneydman, A. Ye. (Candidate of technical sciences);
Trzhetsinskiy, A. V. (Engineer); Lupilov, L. I. (Engineer)

TITLE: Determining the cantilever-vibration frequency of rotating twisted blades

SOURCE: Energomashinostroyeniye, no. 3, 1964, 8-12

TOPIC TAGS: turbine, turbine blade, twisted blade, twisted blade vibration,
cantilever vibration, twisted blade vibration frequency, blade cantilever vibration

ABSTRACT: The frequency of free vibration of stationary twisted blades was found earlier by the residue method by these authors (Energomashinostroyeniye, no. 9, 1962). In the present article, the method is extended over the case of rotating blades. By regarding the blade as an elastic weightless bar carrying a series of point masses and by considering the vibration component forces, design formulas have been developed and design coefficients estimated (given in two

Card 1/2

ACCESSION NR: AP4023731

tables). The design procedure lends itself easily to computer programming. An example was calculated on the "Ural-4" computer. The vibration frequencies were estimated as well as experimentally determined for 780-mm and 1,050-mm-long twisted blades, for both stationary and rotating states. The rotation tests "were conducted in a steel vacuum chamber"; the rotor was driven by a variable-speed d-c motor. "Vibrations were set up by a steam jet directed at the blades." The speed was varied within 0-3,300 rpm. Orig. art. has: 4 figures, 11 formulas, and 4 tables.

ASSOCIATION: none

SUBMITTED: 00

DATE ACQ: 15Apr64

ENCL: 00

SUB CODE: PR, AP

NO REF SOV: 001

OTHER: 001

Card 2/2

LUPINA, M.I.

KHAI, S.L.; LUPINA, M.I.

Supplementary data on using serum against measles in the production of gamma globulin. Zhur.mirkobiol.epid. i immun. no.7: 15-19 J. '55. (MLRA 8:9)

1. Iz Gosudarstvennogo kontrol'nogo instituta syvorotok i vaktsin imeni L.A. Tarasevicha (dir. S.I.Didenko)

(IMMUNE SERUMS,

antimeasles serum, use in prod. of gamma globulin)

(GAMMA GLOBULIN, preparation of
from antimeasles serum)

(MEASLES, immunology,

antimeasles serum in prod. of gamma-globulin)

OSADCHIYEVA, A.L., dotsent; LUPINA, M.I., rayonnyy epidemiolog

Study of the effectiveness of whooping cough-diphtheria vaccines.
Sov.med. 25 no.6:51-55 Je '61. (MIRA 15:1)

1. Iz kafedry epidemiologii (zav. - prof. V.V.Skvortsov) II
Moskovskogo meditsinskogo instituta imeni N.I.Pirogova i sanitarno-
epidemiologicheskoy stantsii Oktyabr'skogo rayona.
(WHOOPING COUGH PREVENTIVE INNOCULATION)
(DIPHTHERIA PREVENTIVE INNOCULATION)

SKVORTSOV, V.V.; EYDINOVA, G.G.; LUPINA, M.I.; YAKUBOVA, G.R.; SINAY, A.Ya.;
GOLUBEVA, T.V.; MIKHAYLOVA, A.M.; KRASNOVA, F.M.; KOBETSOVA, A.D.

Epidemiology of intestinal infections in children's institutions.
Zhur. mikrobiol. epid. i immun. 32 no.6:47-51 Je '61. (MIRA 15:5)

1. Iz II Moskovskogo meditsinskogo instituta imeni Pirogova i
sanitarno-epidemiologicheskoy stantsii Leninskogo rayona Moskvyy.
(INTESTINES--DISEASES)

Electron tubes

S.A.
sect. B

621,385.2 : 537,543
854. Contribution to the problem of testing the materials used for anodes of vacuum diodes with oxide-coated cathodes. W. Espe AND M. Lustrax. *Slovak. Obz.*, 12, 26-34 (Feb., 1951) in Czech.
A mathematical analysis is given of anode electron emission in diodes with oxide-coated cathodes and methods of measuring it are described. The theoretically obtained results are confirmed by experiment. On the basis of the results obtained the methods of reducing reverse current in such valves are considered. Numerical results and graphs are given. D. GININ