LIOKRMAN, Iosif Izraylevich; LEVITANSKIY, B., redaktor; SIDOROV, V.K., inzhener, redaktor izdatel'stva; ISAKOV, P.O., tekhnicheskiy redaktor

[Designing electric equipment for rolling mills] Konstruirovanie elektrooborudovaniia prokatnykh stanov. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1957. 323 p.
(Rolling mills)
(Electric engineering) (MLRA 10:10)

LEVITANSKIY, B.A.

LEVITANSKIY, B.A., inzh.

Electric power in the ferrous metallurgy industry in the past years. Prom.energ.12 no.11:3-9 N '57. (MIRA 10:12)
(Metallurgy) (Electric power)

18(3) 25(1)

SOV/1553

Levitanskiy, Boris Aronovich

Elektrooborudovaniye podgotovitel'nogo proizvodstva chernoy Metallurgii; rudnikov, aglomeratsionnykh fabrik i koksokhimicheskikh zavodov (Electrical Equipment for the Initial Stages of Ferrous Metallurgy; Mines, Sintering, and Coke Plants) Moscow, Metallurgizdat, 1958. 256 p. 6,800 copies printed.

Ed. of Publishing House: M.R. Lanovskaya; Tech. Ed.: Ye. B. Vaynshteyn.

PURPOSE: This book was approved by the Administration of Special Secondary Schools of the Ministry of Higher Education, USSR, as a textbook for ferrous metallurgy tekhnikums on the subject of "Electrical Equipment of Industrial Enterprises." It may also be used by engineers and technicians operating electrical equipment at metallurgical plants.

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Electrical Equipment (Cont.) SOV/1553

COVERAGE: The author discusses the electrical equipment used in the initial production stages at modern large-scale metallurgical enterprises, i. e., equipment used in mines (both open-pit and underground), sintering plants, and coking plants. Electrically driven excavators, sintering machinery, exhaust systems, belt conveyors and coking machinery are described in detail. This, according to the author, fills a gap in the existing textbook literature which deals only with problems concerning either metallurgical plants or the electrical equipment of mines. Also discussed are problems involved in centralized dispatcher control of belt conveyors and automatic control and operation of technological processes in sintering and coking plants. Methods of calculation and the control circuits of machines are explained. These data to a considerable extent reflect the experience of leading design organizations: The Central Design Bureau "Elektroprivod," Tyazhpromelektroproyekt, Giprokoks, and enterprises of ferrous metallurgy. No personalities are mentioned. There are 22 references, all Soviet.

TABLE OF CONTENTS:

Card 2/9

LEVITANSKIY, B.A., inzh.

New systems for electric drive control abroad. Biul. TSNIICHM no.4: 34-40 '58. (MIRA 11:5)

(Electric driving)

LEVITANSKIY, B.A., referent

Hall effect and its applications. Biul. TSNIICHM no. 8:58 '58.
(MIRA 11:7)
(Hall effect)

FEYGIN, Viktor Iosifovich; LEVITANSKIY, B.A., inzh., retsenzent; RABINOVICH, B.V., red.; KISELEVA, T.I., inzh., red.izd-va; ISLENT'YEVA, P.G., tekhn.red.

[Electronic instruments in metallurgy] Elektronnye pribory v metallurgii. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1959. 221 p. (MIRA 12:8)
(Electronic instruments) (Metallurgy)

LEVITANSKIY, Boris Aronovich; KISELEVA, T.I., red.; ISLENT'YEVA, P.G., tekhn.red.

[Ferrous metallurgy of capitalist countries] Chernaia metallurgiia kapitalisticheskikh stran. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po chernoi i tsvetnoi metallurgii. Pt.9. [Electric driving and automatic control] Elektroprivod i avtomatika. 1960. 451 p. (MIRA 13:6)

1. Moscow. TSentral'nyy institut informatsii chernoy metallurgii. (Metallurgical plants--Electric equipment) (Automatic control)

LEVITANSKIY, B.A.; NOVIKOV, V.K.; AKULOV, Ye.F., red.; KIREYEV, M.I., red.; SAVEL'YEV, V.I., red.; CHUMAKOV, N.M., red.; MOYZHES, S.M., red.; VORONIN, K.P., tekhn. red.

[Economy and standardization of electric power in rolling mills] Ekonomiia i normirovanie elektroenergii v prokatnom proizvodstve. Moskva, Gos.energ.izd-vo, 1961. 93 p. (MIRA 14:12)
(Rolling mills---Electric driving)

KIZEVETTER, Ye.N., inzh.; LEVITANSKIY, B.A., inzh.

"Electric equipment of ore-dressing and concentrating plants" by M.V. Greisukh. Reviewed by E.N. Kizevetter, B.A. Levitanskii. Elektrichestvo no.8:94-95 Ag '61. (MIRA 14:10)
(Ore dressing--Electric equipment)
(Greisukh, M.V.)

AZARENKO, B.S., kand. tekhn. nauk; AFANAS'YEV, V.D., kand. tekhn. nauk; BROVMAN, M.Ya., inzh.; VAVILOV, M.P., inzh.; VENGIK, A.B., inzh.; GOLUBKOV, K.A.; GUBKIN, S.I., akademik [deceased]; GUREVICH, A.Ye., inzh.; DAVYDOV, V.I., kand. tekhn. nauk; DROZD, V.G., inzh.; YERMOLAYEV, N.F., inzh.; ZHUKEVICH-STOSHA, Ye.A., inzh.; KIRILIN, N.M., kand. tekhn. nauk; KOVYNEV, M.V., inzh.; KOGOS, A.M., inzh.; KOROLEV, A.A., prof.; KUGAYENKO, M.Ye., inzh.; LASKIN, A.V., inzh.; LEVITANSKIY, B.A., inzh.; LUGOVSKIY, V.M., inzh.; MEYEROVICH, I.M., kand. tekhn. nauk; OVCHAROV, M.S., inzh.; PASTERNAK, V.I., inzh.; PERLIN, I.L., doktor tekhn. nauk; POBEDIN, I.S., kand. tekhn. nauk; ROKOTYAN, Ye.S., doktor tekhn. nauk; SAF'YAN, M.M., kand. tekhn. nauk; SMIRNOV, V.V., kand. tekhn. nauk; SMIRNOV, V.S.; SOKOLOVSKIY, O.P., inzh.; SOLOV'YEV, O.P., inzh.; SIDORKEVICH, M.A., inzh.; TRET'YAKOV, Ye.M., inzh.; TRISHEVSKIY, I.S., kand. tekhn. nauk; KHENKIN, G.N., inzh.; TSELIKOV, A.I.; GOROBINCHENKO, V.M., red. izd-va; GOLUBCHIK, R.M., red. izd-va; RYMOV, V.A., red. izd-va; DOBUZHINSKAYA, L.V., tekhn. red.

[Rolling; a handbook] Prokatnoe proizvodstvo; spravochnik. Pod red. E.S.Rokotiana. Moskva, Metallurgizdat. Vol.1. 1962. 743 p. (MIRA 15:4)

1. Akademiya nauk BSSR (for Gubkin). 2. Chlen-korrespondent Akademii nauk SSSR (for Smirnov, TSelikov).
(Rolling (Metalwor))—Handbooks, manuals, etc.)

AFANAS'YEV, Vasiliy Danilovich; BORISOV, Yuriy Matveyevich; GUREVICH, Azriyel' Yefimovich; LEVITANSKIY, Boris Aronovich; MAKEYEV, Ivan Fedorovich; STEFANOVICH, Nikolay Nikolayevich; KHALIZEV, Georgiy Petrovich, kand. tekhn. nauk; SINITSYN, O.A., kand. tekhn. nauk, retsenzent; NEMIROVSKIY, M.I., prepodavatel', retsenzent; YAKOVENKO, N.N., red. izd-va; ISLENT'YEVA, P.G., tekhn. red.

[Electrical equipment of ferrous metallurgy enterprises] Elektrooborudovanie predpriiatii chernoi metallurgii. [By] V.D.Afanas'yev i dr. Moskva, Metallurgizdat, 1963. 606 p. (MIRA 16:9)

1. Dnepropetrovskiy metallurgicheskiy tekhnikum (for Nemirovskiy). (Iron and steel plants--Electric equipment)

FINGER, Aleksandr Abramovich; LEVITANSKIY, B.A., nauchn. red.

[Systems of automatic control of electric drives of rolling mills] Sistemy avtomaticheskogo upravleniia elektroprivodami prokatnykh stanov. Moskva, TsNIIPI, 1965. 20 p. (MIRA 18:12)

LEVITANSKIY, I.V.

Butt-welding of bars in tubular structures. Avtom. svar. 17 no.8:42-49 Ag '64. (MIRA 17:11)

1. Gosudarstvennyy institut po proyektirovaniyu, issledovaniyu i ispytaniyu stal'nykh konstruktsiy i mostov.

GLADSHTEYN, L.I.; LEVITANSKIY, I.V.; GOROZHNYY, V.A.

Bolt joints in elements of thermally hardened steel. Prom. stroi. 41 no.7:40-44 Jl '64. (MIRA 17:8)

LEVITANSKIY, I.V., inzh.

Elements of field joints made from separate angle-brackets.
Prom. stroi. 41 no.10:44-49 O '63. (MIRA 16:11)

VAKHURKIN, V.M.; GLADSHTEYN, L.I.; KARMILOV, S.S.; KLIMOV, S.A.; LEVITANSKIY, I.V.; MALININ, B.N.; NOSOV, A.K.; PAL'M, Yu.A.; POLYAK, V.S.; POPOV, G.D.; RASSUDOV, V.M.; KRASYUKOV, V.P.; SOKOLOV, A.G.; Prinimali uchastiye: GORBATSKIY, Ye.I.; MATVEYEV, S.S.; STRELETSKIY, N.S., prof., retsenzent; MUKHANOV, K.K., dots., retsenzent; BOLOTINA, A.V., red.; MIKHEYEVA, A.A., tekhn. red.

[Light-weight supporting metal structures] Oblegchennye nesushchie metallicheskie konstruktsii. Moskva, Gosstroiizdat, 1963. 282 p. (MIRA 17:2)

L 43922-66 EWT(1)
ACC NR: AP6026932 SOURCE CODE: UR/0141/66/009/004/0691/0696

AUTHOR: Virko, V. F.; Levitskiy, S. M.

ORG: Kiev State University (Kiyevskiy gosudarstvennyy universitet) 57 B

TITLE: Nonlinear phenomena in plasma waveguide 25

SOURCE: IVUZ. Radiofizika, v. 9, no. 4, 1966, 691-696

TOPIC TAGS: plasma waveguide, waveguide propagation, [redacted], nonlinear plasma

ABSTRACT: Variations of parameters of a plasma waveguide depending on SHF-signal power were investigated; these variations were caused by an increased electron concentration in the plasma which resulted from an additional gas ionization by the SHF field. The experimental outfit used had been described by one of the authors in IVUZ. Radiofizika, no. 4, 1961, 1078. An oscillogram shows shortening of the wavelength along the plasma waveguide: the wavelength rapidly shortens to the point of the plasma break where the phase velocity vanishes. It was found that the parameters of the wave propagating in the plasma waveguide substantially depend on the power of this wave. When the SHF signal power is commensurate with the power sustaining the plasma, both the attenuation and the phase velocity appreciably vary in the waveguide. As the signal power increases, the attenuation decreases and

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UDC: 621.372.853.32

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ACC NR: AP6026932

the phase velocity increases, their values changing along the waveguide length. When the SHF signal is applied, all the above nonlinear effects develop during a few microseconds. These results are in good agreement with those obtained by various Soviet and Western researchers (references given). Orig. art. has: 5 figures and 1 formula. [03]

SUB CODE: 20, 09 /SUBM DATE: 04Jul65 / ORIG REF: 010 / OTH REF: 001 / ATD PRESS: 5060

Card 2/2

1. IEVITANUS A.

2. USSR (600)

4. Tractors-motors

7. New radiator for oil on the DT -54 tractor, MTS 12, no.11, 1953.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

KASHUBA, B.P.; LEVITANUS, A.D.

Diesel engine for the KhTZ-7 tractor. Avt. trakt. prom. no.5:3-6 My '55. (MLRA 8:8)

1. Khar'kovskiy traktornyy zavod.
(Tractors--Engines)

LEVITANUS, A., insh.

The DT-20 wheeled tractor. MTS 18 no.8:47-50 Ag '58 (MIRA 11:9)

1. Khar'kovskiy traktornyy zavod.
(Tractors)

VODOLAZHCHENKO, Yuriy Trofimovich; KALINOVSKIY, N.F.; LEVITANUS, A.D.; KHYUKOV, V.L., red.; GOR'KOVA, Z.D., tekhn.red.

[Manual for the DT-14 and DT-20 tractors] Rukovodstvo po traktoram DT-14 i DT-20. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1959. 367 p. (MIRA 12:8)
(Tractors--Handbooks, manuals, etc.)

GEL'MAN, Boris Mikhaylovich; KRAYEVSKAYA, Ye.K.; MOSKVIN, M.V.; ALISANOV, B.I.; AL'GIN, B.P.; VODOLAZHCHENKO, Yu.T.; LEVITANUS, A.D.; SHKOL'NIKOV, A.B., red.; BALLOD, A.I., tekhn.red.

[Wheeled diesel tractors] Dizel'nye kolesnye traktory. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1959. 423 p. (MIRA 13:2)
(Tractors)

LEVITANUS, A.D.

The DT-20 tractor. Biul.tekh.-ekon.inform. no.1:51-52 '59.
(MIRA 12:2)
(Tractors)

LEVITANUS, A. D., Cand Tech Sci -- "Study of the effect of the ~~Number's~~ basic parameters in the piston ~~formation~~ fuel ~~sprinkling~~ on the power and economical indicators of the tractor Diesel D-20." Mos, 1961. (Min of Higher and Sec Spec Ed RSFSR. Mos Automech Inst. Chair of ~~"Surgutall"~~ Engines) (KL, 8-61, 245)

ANILOVICH, V.Ya., kand.tekhn.nauk; LEVITANUS, A.D., kand.tekhn.nauk

Concerning some means for raising the level of design and research work in the tractor industry. Trakt. i sel'khozmash. 31 [i.e.32] no.11:9-11 N '62. (MIRA 15:12)

1. Khar'kovskiy traktornyy zavod.
(Tractors)

LEVITANUS, A.D.; KARMAZIN, E.I.; ROMEN, A.A.

Bench testing of the frames of crawler tractors for fatigue strength. Trakt. i sel'khozmash. 33 no.3:8-11 Mr '63. (MIRA 16:11)

1. Khar'kovskiy traktornyy zavod.

SOSHNIKOV, A.A.; LEVITANUS, A.D.; KUSHNIR, M.P., inzh.

Results of testing the T-125 wheeled truck tractor. Trakt. i sel'khozmash. no.2:2-6 F '65. (MIRA 18:4)

1. Glavnyy konstruktor Khar'kovskogo traktornogo zavoda (for Soshnikov). 2. Zamestitel' glavnogo konstruktora Khar'kovskogo traktornogo zavoda (for Levitanus).

LEVITANUS, A.D.

Efficient system for the testing of tractors. Trakt. i sel'khozmash. no.6:20-21 Je '65. (MIRA 18:7)

1. Khar'kovskiy traktornyy zavod.

KALINOVSKIY, V.F., LEVITANUS, A.D., KHOLKIN, Yu.A.; CHICHEV, Yu.I., red.; GRE[redacted], [illegible], red.

[DT-20 tractor] Traktor DT-20. Moskva, Kolos, 1965. 254 p.
(MIRA 18:8)

BRAUN, M.P., doktor tekhn. nauk; MIROVSKIY, E.I., inzh.; LEVITANUS, A.D., kand. tekhn. nauk; KARAMZIN, E.I., inzh.; SLAVIN, B.A., inzh.

Using low-nickel and nickelless steels for pinions of tractor transmissions. Mashinostroenie no.2:85-87 Mr-Ap '65. (MIRA 18:6)

[illegible], F.A.; KARMAZIN, L.I.; [illegible], A.D.

Testing tractor transmissions in a dust chamber. Trakt. i sel'khozmash. no.11:15-16 N '56. (MIRA 10:12)

1. Khar'kovskiy traktornyy zavod.

ALLAKHVERDYAN, D.A., prof.; AMINOV, A.M., doktor ekon. nauk; AGLAS, M.S., prof.; D'YACHENKO, V.V., dots.; ZLOBIN, I.D., prof.; KADYSHEV, L.A., dots.; KARNAUKHOVA, Ye.S., prof.; KOTOV, G.G., prof.; LEVITANUS, I.M., dots.; LIVSHITS, A.L., dots.; LYAPIN, A.P., prof.; MAKAROVA, M.F., prof.; MASLOV, P.P., prof.; SONIN, M.Ya., doktor ekon.nauk; SOROKIN, G.M.; STRUMILIN, S.G., akademik; TUMANOVA, L.V., dots.; TUROVTSEV, V.I., dots.; FIGURNOV, P.K., prof.; MOKHOVA, N.I., dots., red.; SHCHERBAKOVA, V.V., dots., red.; SHVEYTSER, Ye.K., red.; MURASHOVA, V.A., tekhn. red.

[The economics of socialism]Politicheskaia ekonomiia sotsializma. Izd.2., perer. Moskva, Gos.izd-vo "Vysshaia shkola," 1962. 614 p. (MIRA 16:3)

1. Chlen-korrespondent Akademii nauk SSSR (for Sorokin).
(Economics) (Communism)

LEVITANUS, M. B.

Levitanus, M. B. - "The problem of foreign bodies in the bladder in gun-shot wounds," Sbornik trudov Nauch.-issled. in-ta ortopedii, travmatologii i protezirovaniya (m-vo zdravookhraneniya Uz SSR), Vol. 1, 1948, p. 165-72

SO: U-4934, 29 Oct 53, (Letopis 'Zhurnal 'nykh Statey, No. 16, 1949).

LEVITANUS, I. E.

Levitanus, I. E. "Widespread thrombosis of the veins of the lower half of the body after gun-shot wound of the soft tissues of the hip, buttock and scrotum," Sbornik trudov Nauch.-issled. in-ta ortopedii, travmatologii i protezirovaniya (k-vo zdravookhraneniya Uz SSR), Vol. I, 1948, p. 235-37

SO: U-4934, 29 Oct. 53, (Letopis 'Zhurnal 'nykh Statey, No. 16, 1949).

[illegible] -- [illegible] pochki [illegible] Trudy [illegible] Konf-[illegible] po lecheniyu invalidov otechestv. [illegible] Tashkent, [illegible] S. 171-[illegible].

SO: Letopis' Zhurnal'nykh Statey. Vol. [illegible], 19[illegible]9.

LEVITANUS, M.B. (Tashkent)

Report on the activity of the Tashkent Urological Society in 1956.
Urologiia 22 no.5:81-82 S-O '57. (MIRA 10:12)
(UROLOGY)

LEVITANUS, M.B. (Tashkent)

Organizing urologic aid for the population of the Uzbek S.S.R.
Urologiia 22 no.6:54-55 N-D '57. (MIRA 11:?)
(UROLOGY
in Russia, Uzbekistan)

LEVITAS, A., kandidat ekonomicheskikh nauk; ORLOV, Ya., kandidat ekonomicheskikh nauk.

Soviet commerce as a form of goods exchange under socialism. Sov. torg. no.7:10-17 Jl '57. (MLRA 10:9)
(Commerce)

LEVITAS, A., kand.ekonomicheskikh nauk

"Turnover of goods under socialism" by G.S.Grigor'ian. Reviewed by A.Levitas. Sov.torg. 35 no.4:32-36 Ap '62. (MIRA 15:4)
(Economics) (Grigor'ian, G.S.)

IOYRYSH, Abram Isaakovich; LEVITAS, Avgust Grigor'yevich; ROTOVA, R.S., red.; GARINA, T.D., tekhn. red.

[Socialist property] Sotsialisticheskaia sobstvennost'. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 93 p. (MIRA 14:8)
(Socialist property)

USSR/Physics
Oscillators, Blocking
Oscillations - Theory

Oct 1947

"Operation of a Blocking Oscillator," D. M. Lovitus, V. V. Mugulin, Sci Res Inst Phys, Moscow State U, 10 pp

"Zhur Tekh Fiz" Vol XVII, No 10

Explain the transfer from constant oscillation system of operation to blocking process as result of self-modulation and interrupted oscillation. Authors communicate calculations for the blocking process under ideal conditions. Show possibility of correct qualitative description of the blocking process on the basis of the effect of circuit currents without taking into

[redacted]

USSR/Physics (Contd) Oct 1947

account the anode reaction. Report that experimental qualities coincided with theoretical qualities. Submitted, 11 Jun 1947.

[redacted]

S/046/62/008/003/004/007
B108/B104

6.9000

AUTHORS: Dneprovskaya, I. A., Iofe, V. K., Levitas, F. I.

TITLE: Attenuation of sound in the atmosphere

PERIODICAL: Akusticheskiy zhurnal, v. 8, no. 3, 1962, 301 - 307

TEXT: The excess attenuation α of sound (200 - 2000 cps) in the atmosphere was determined from measurements in 7 different tracts of land (above and near lakes, valleys, etc). The sound level at an altitude of 1.5 - 1.7 m above the ground was recorded objectively at the source (distance r_o = 5m) and subjectively at the receiver (1.5 - 5 km). The excess attenuation α (in db/km) is equal to $(N - N_o - 20\log r/r_o)/r - \gamma$ where γ is the molecular attenuation, N_o is the sound level at r_o, N is the sound level at the distance r from the source. α depends on the season of the year, on the time of the day, on the type of surface, on the distance from the source, and on the frequency. Its value generally increases with frequency. The presence of an acoustic shade increased α naturally to twice its normal amount. The results were not uniform and often contradictory. For more

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accurate results, more statistical data would be required. There are 7 figures.

ASSOCIATION: Gosudarstvennyy soyuznyy n.-i. institut radioveshchatel'nogo priyema i akustiki im. A. S. Popova Leningrad (State All-Union Scientific Research Institute of Radiobroadcasting Reception and Acoustics imeni A. S. Popov, Leningrad)

SUBMITTED: November 15, 1961

DNEPROVSKAYA, I.A.; IOFE, V.K.; LEVITAS, F.I.

Attenuation of sound propagated in the atmosphere. Akust.zhur. 8 no.3:301-307 '62. (MIRA 15:11)

1. Gosudarstvennyy soyuznyy nauchno-issledovatel'skiy institut radioveshchatel'nogo priyema i akustiki im. A.S.Popova, Leningrad.
(Atmospheric acoustics)

LEVITAS, I.B., inzh.

Mechanized operations in feeding swine with semiliquid feeds.
Mekh. sil'. hosp 12 no.11:23-24 N '61. (MIRA 14:11)
(Swine--Feeding and feeds)

E.

BELOTSERKOVSKIY, M.Ye., inzhener; LEVITAS, I.E., inzhener

Obtaining extracts of a given basicity. Leg. prom. 15no.4: 49-51 Ap '55. (MLRA 8:7)
(Tanning)

L 27865-66 EWT(l) IJP(c) CC

ACC NR: AP5028463 SOURCE CODE: UR/0286/65/000/020/0030/0030

INVENTOR: Pozhela, Yu. K.; Levitas, I. S.; Varyakonte, A. P.

ORG: none

TITLE: Superhigh-frequency and infrared radiation modulator. Class 21, No. 175535 [announced by the Institute of Physics and Mathematics (Institut fiziki i matematiki)]

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 20, 1965, 30

TOPIC TAGS: superhigh frequency modulation, infrared radiation modulator

ABSTRACT: This Author Certificate introduces a superhigh-frequency and infrared radiation modulator in the form of a waveguide with a semiconductor plate. To simplify the design of the device and to obtain the highest possible potential difference across the surface of the plate, the plate is made, for example, from a germanium single crystal so that its wide sides lie in the (110) plane and the current direction makes an angle of 30° with the (001) direction. [JR]

SUB CODE: 09/ SUBM DATE: 24Mar64/ ATD PRESS: 4166

171

Card 1/1 UDC: 621.376.9

LEVITAS, L. I.

Levitas, L. I. - "Experimental findings on the transplantation of preserved vessels," In the symposium: V. N. Shamov, Kiev, 1949, p. 255-61

SO: U-4355, 14 August 53, (Letopis 'Zhurnal 'nykh Statey, No. 15, 1949)

KOVALENKO, O., kand. tekhn. nauk; LEVITAS, Y. [Levitas, I.], inzh.

New feed kitchens for specialized swine raising sections. (MIRA 17:1)
Sil'. bud. 13 no.11:3-5 N '63.

15 (8) PHASE I BOOK EXPLOITATION SOV/2056

Nitskevich, Z.A., V.T. Pirogova, and Ye. A. Levitas

Plasticheskiye massy na osnove poliamidnykh smol; obzor otechestvennoy i zarubezhnoy literatury (Plastics From Polyamide Resins; Review of Domestic and Foreign Literature) Kiyev, 1958. 36 p. 2,000 copies printed.

Sponsoring Agencies: Ukraine. Gosudarstvennaya planovaya komissiya, and Nauchno-issledovatel'skiy institut mestnoy i toplivnoy promyshlennosti.

Resp. Ed.: A.I. Shapiro.

PURPOSE: This brochure is intended for industrial chemists, technologists and other persons concerned with synthetic materials.

COVERAGE: The brochure presents data on the properties and uses of polyamide resins including methods of utilizing them as casting

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materials. There are 16 references: 8 Soviet, 3 English and 5 German. No personalities are mentioned.

TABLE OF CONTENTS:

Plastics From Polyamide Resins; (Cont.) SOV/2056

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ZEGZHDA, D.P.; ARZUMANOV, M.A.; LEVITAS, Ye.G.; FROLOVA, A.I.; DUDAVSKIY, I.Ye.

Properties of grog obtained by burning certain clays in rotary kilns. Ogneupory 31 no.1:5-10 '66. (MIRA 19:1)

1. Dnepropetrovskiy metallurgicheskiy institut (for Zegzhda, Arzumanov, Levitas, Frolova). 2. Zaporozhskiy ogneuporny zavod (for Dudavskiy).

SHNEYEROV, Ya.A., kand.tekhn.nauk; DERFEL', A.G., kand.tekhn.nauk; KOTIN, A.G., kand.tekhn.nauk; Prinimali uchastiye: ZAYTSEV, I.A.; KURAPIN, B.S.; LEVITASOV, Ya.M.; SUKACHEV, A.I.; TRET'YAKOV, Ye.V.; UMNOV, V.D.; SHUKSTUL'SKIY, I.B.

Reducing the consumption of ferromanganese in the making of open-hearth steel. Trudy Ukr. nauch.-issl. inst. met. no.7:103-114 '61. (MIRA 14:11)

(Steel--Metallurgy) (Ferromanganese)

LEVITASOV, Ya. M.; Kazakov, A.A.

Investigating heat processes in the riser head of a killed steel ignot. Stal' 22 no.10:900-902 O'62. (MIRA 15:10)

1. Ukrainskiy nauchno-issledovatel'skiy institut metallov i Donetskiy filial Ukrainskogo nauchno-issledovatel'skogo instituta metallov.

(Steel ingots) (Heat—Transmission)

ANDON'YEV, S.M.; GLAZKOV, P.G. [deceased]; KUCHIN, V.A. KONDRAT'YEV, Ye.M.; LEVITASOV, Ya.M.; MAKAROV, K.I.; PANKRATOV, F.V.; PEVNYY, N.I.; POKRAS, L.M.; POCHTMAN, A.M.; TESNER, P.A.; SHEYNFAYN, F.I.; SHKLYAR, T.I.; Prinimali uchastiye: BERMAN, M.N.; VARFALOMEYEV, F.L.; ROBIN, M.A.; MOYSIYEVICH, G.I.; SAPIRO, V.S.; ALEKSEYEV, L.M.; POPOVA, R.S.

Heating Martin furnaces with natural gas using reformers. Gaz. prom. 9 no.11:14-17 '64. (MIRA 17:12)

LEVITCHI, E., ing.

Tailoring textile materials treated with polyurethane foams.
Ind text Rum 16 no.1:32-35 Ja '65.

1. Planning Institute of the Light Industry, Bucharest.

LEVITE, A.A., inzh.

Using nitro varnishes colored with aniline dyes in the finishing of wood. Der. prom. 7 no.1:21 Ja '58. (MIRA 11:1)

1. Minskaya shchetochnaya fabrika im.Krupskoy.
(Varnish and varnishing) (Coal-tar colors) (Wood finishing)

L 4 V

USSR/Chemical Technology - Chemical Products and Their Application. Food Industry, I-28

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 63714

Author: Levites, A. M.

Institution: None

Title: Storage of Naturally Frozen Navaga in Bales

Original Periodical: Ryb. kh-vo, 1956, No 3, 23-24

Abstract: An appropriate procedure is proposed for the storage of naturally frozen navaga. During the catching season the freshly caught fish is stacked in shallow layers then baled and frozen in the open. The frozen fish is then packed in boxes or burlap bags and stacked in carload batches ≤ 2.5 m high over an open area covered with a 30-cm layer of insulation, separating each 2-3 carloads by snow walls one m thick. The insulation is distributed as follows: on a batch of stacked fish are placed straw mats followed by a 20-cm thick layer of snow, a 25-cm insulation layer and a snow layer up to 2.5 m. For

Card 1/2

USSR/Chemical Technology - Chemical Products and Their Application. Food Industry, I-28

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 63714

Abstract: protection against rain and to reduce melting of snow during a warm spell, it is recommended to use in addition tarpaulin covers or a one m thick layer of insulation. The insulating material used is hay or branches of evergreens.

Card 2/2

KHEYFETS, Ye.M.; RAPOPORT, B.M. [deceased]; LEVITES, E.I.

Developing the carbamide method for separating oxygen-containing substances into normal and isostructural compounds. Khim. i tekh. topl.i masel 7 no.1:60-64 Ja '62. (MIRA 15:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut po pererabotke nefti gaza i polucheniyu iskusstvennogo zhidkogo topliva.
(Alcohols) (Urea) (Complex compounds)

L 12423-63 EWP(j)/EWT(m)/BDS ASD Pc-4 RM

ACCESSION NR: AP3001160 S/0190/63/005/006/0875/0880

61
60

AUTHOR: Levites, E. I.; Volokhina, A. V.; Kudryavtsev, G. I.

TITLE: Solid phase polycondensation. 4. Solid phase copolycondensation of amino acids and the diamine salts of dicarboxylic acids

SOURCE: Vy*sokomolekulyarny*ye soyedineniya , v. 5, no. 6, 1963, 875-880

TOPIC TAGS: polycondensation, copolycondensation, amino acids, diamine salts, dicarboxylic acids, copolymers

ABSTRACT: The present work is a continuation of earlier investigations by the authors. It involves the study by the gravimetric method of the kinetics of co-polycondensation of four pairs of polyamide-forming monomers, namely, aminoenanthic acid (AA) with hexamethylenediamine adipate (HDA), piperazine adipate (PA) with p-aminoethylphenylpropionic acid (PAPP), hexamethylenediamine adipate (HDA) with the decamethylenediamine salt of hexahydroterefthalic acid (DDHTA), and hexa-methylenediamine adipate (HDA) with hexamethylenediamine isophthalate (HDIP). The basis for assigning a particular amine to a specific pair hinged on closely matched rates of polycondensation at the same temperature. The end products of the reac-tions were solid masses, which readily disintegrated into a powder. It was found

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L 12423-63
ACCESSION NR: AP3001160

that at 156.5C the polycondensation of AA and HDA partly proceeded in the melt phase, the actual melting point of the mixture being 172-173C, while that of its constituents is 193-194C and 195C. For PA and PAPP, the homopolymers of which are practically not fusible, the reaction proceeds via melt at a temperature exceeding 235C, and for HDA and DDHTA at over 156C. The copolycondensation process for HDA and HDIP in a 1:1 ratio proceeds at 169C in the solid phase, and, having reached 62% of its total potential, it practically stops there. It is assumed that only HDA reacts at this point, which is confirmed by analysis of the resulting polycondensate. The composition of the obtained polyamides was studied by means of chromatography, and their solubility in various solvents was investigated. It was found that the 1:1 copolycondensation product of PA and PAPP was soluble in tricresol, while none of the constituent homopolymers were. The chromatographic investigation of the copolycondensation products revealed their structure as that of copolymers with a statistic distribution of monomeric units. This was established for the AA and ADA as well as HDA and DDHTA copolycondensation products. It is concluded that the reaction under investigation yields a true polyamide and not a mixture of homopolyamides. Orig. art. has: 5 charts.

ASSOCIATION: Vsesoyuzny*y nauchno-issledovatel'skiy institut iskusstvennogo volokna (All-Union Scientific Research Institute of Artificial Fibers)

Card 2/3 2

LEVITES, E.P.

Some problems in the treatment of tumors by means of regional perfusion; review of Soviet and foreign literature. Klin. khir. no.1:19-24 '65. (MIRA 18:8)

1. Kafedra obshchey khirurgii (zav. - doktor med. nauk F.M.Danovich) meditsinskogo fakul'teta Petrozavodskogo universiteta.

KLAZ, N. Ye.; LEVITES, I.I.

Semiautomatic unit for hardening circular dies. Stan.i instr. 32 no.6:33-34 Je '61. (MIRA 14:6)

(Steel—Hardening)

S/129/63/000/004/007/014
A004/A127

AUTHORS: Bron, D.I., Rakhshtadt, A.G., Levites, I.I.

TITLE: The effect of thermomechanical treatment on the fatigue strength of 55ХГР (55KhGR) grade steel

PERIODICAL: Metallovedeniye i termicheskaya obrabotka metallov, no. 4, 1963, 30 - 31

TEXT: The authors investigated the effect of heat treament and high-temperature thermomechanical treatment on the fatigue characteristics of the 55KhGR spring steel, containing 0.57% C, 0.36% Si, 1.3% Mn, 1.14% Cr, 0.057% Ti, 0.5% Ni and 0.0037% B. Flat specimens were tested on the MPC-2 (IRS-2) machine in regular symmetric load cycles in one plane. It was found that the optimum tempering temperature for this steel grade was 520 - 560°C. High-temperature thermomechanical treatment improves the fatigue characteristics of this steel, the fatigue limit increase amounting to 10% at least, while the limited durability features a reduction of 50% increase by a factor of 9. The optimum tempering temperatures of 55KhGR steel after high-temperature thermomechanical treatment are in the range of 250 - 300°C. If

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the tempering temperature exceeds 400°C, the effect of high-temperature thermomechanical treatment is taken off. High-temperature thermomechanical treatment with low degrees of reduction (15 - 25%) improve the fatigue characteristics of the steel in the most effective way at a tempering temperature of 250°C. There are 2 figures and 1 table.

ASSOCIATION: MVTU im Bauman

L 10691-63 EWP(q)/EWT(m)/BDS--AFFTC/ASD--JD
ACCESSION NR: AP3001652 S/0129/63/000/006/0010/0012

AUTHOR: Bron, D. I.; Gruzdov, P. Ya.; Levites, I. I.; Rakhshtadt, A.G.

TITLE: The influence of austenization temperature on the kinetics of isothermal transformation of super cooled austenite steel 55 KhGR and 50 KhG

SOURCE: Metallovedeniye i termicheskaya obrabotka metallov, no. 6, 1963, 10-12

TOPIC TAGS: 55 KhGR steel, 50 KhG steel, austenization temperature, isothermal transformation

ABSTRACT: The stability of austenite 55 KhGR and 50 KhG steel during the isothermal process increases with that of the temperature of heating. In the intermediate region of the transformation, the stability of cooled austenite increases as the temperature rises to 900C, but decreases as the temperature further increases to 1100C. This is explained by the increasing influence of concentration of thermal vacancies on carbon processes in the austenite. The alloying of chrome manganese steel (with a 0.5-0.6% increase of the carbon contents) with boron sharply increase the stability of cooled austenite and hence the hardenability of steel. Orig. art. has: 2 figures.

Card 1/2

BRON, D.I.; BERNSHTEYN, M.L., doktor tekhn.nauk; RAKHSHTADT, A.G., kand. tekhn.nauk; LEVITES, I.I.

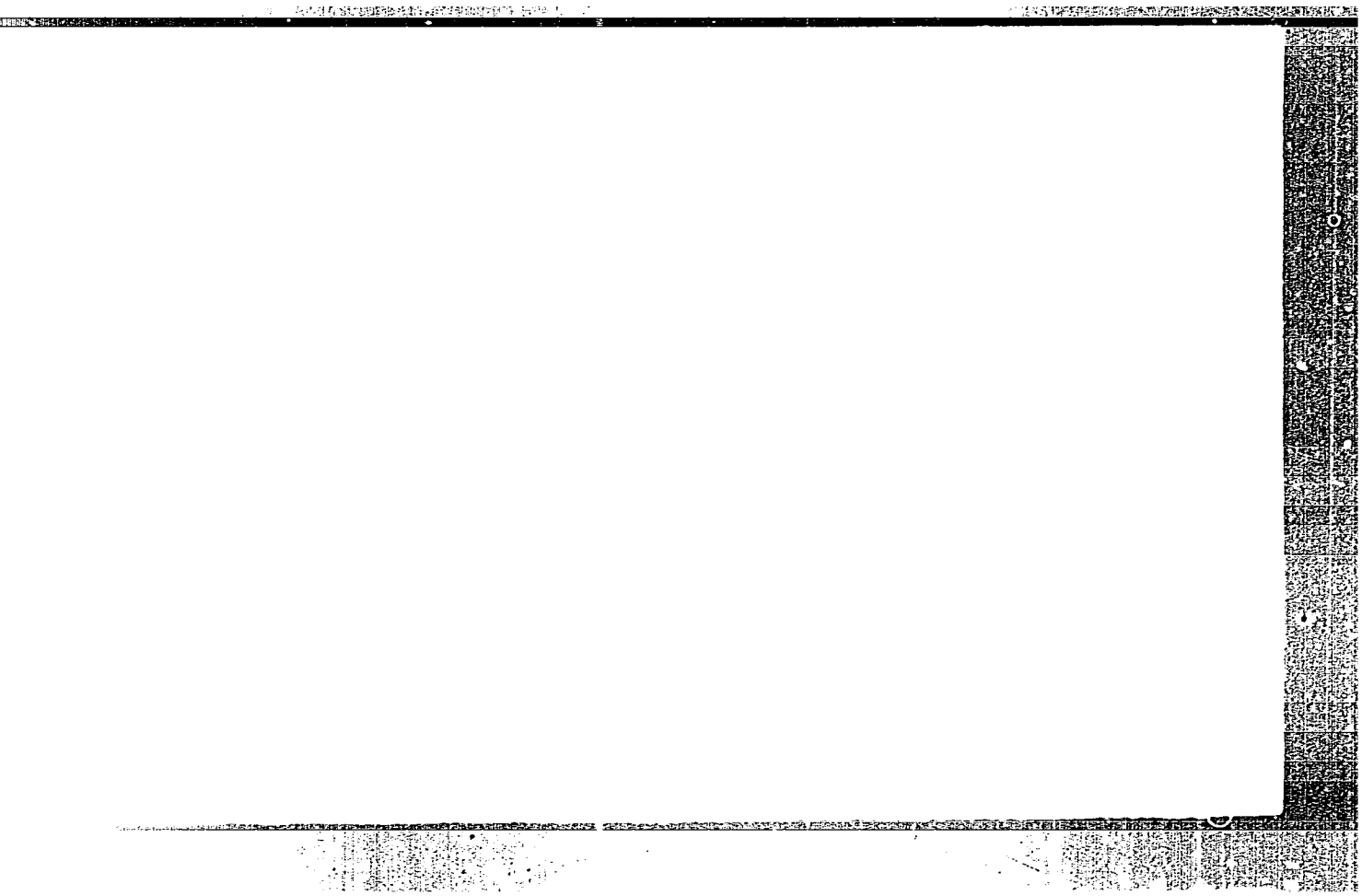
Hardening 55KhGR spring steel by the method of high-temperature thermomechanical treatment. Avt.prom. 30 no.1:35-38 Ja '64. (MIRA 17:3)

1. Nauchno-issledovatel'skiy tekhnologicheskiy institut avtomobil'noy promyshlennosti, Moskovskiy institut stali i splavov i Moskovskoye vyssheye tekhnicheskoye uchilishche imeni Baumana.

GORIN, D.I., kand. tekhn. nauk; BRON, D.I.; ZAMATUTA, A.I.; LEVITES, I.I.

Effect of high-temperature heat and mechanical treatment on fatigue characteristics of 55C2 and 50KhG spring steels. Avt. prom. 31 no.1:38-39 Ja '64. (MIRA 18:3)

1. Belorusskiy institut mekhanizatsii sel'skogo khozyaystva i Nauchno-issledovatel'skiy institut tekhnologii avtomobil'noy promyshlennosti.



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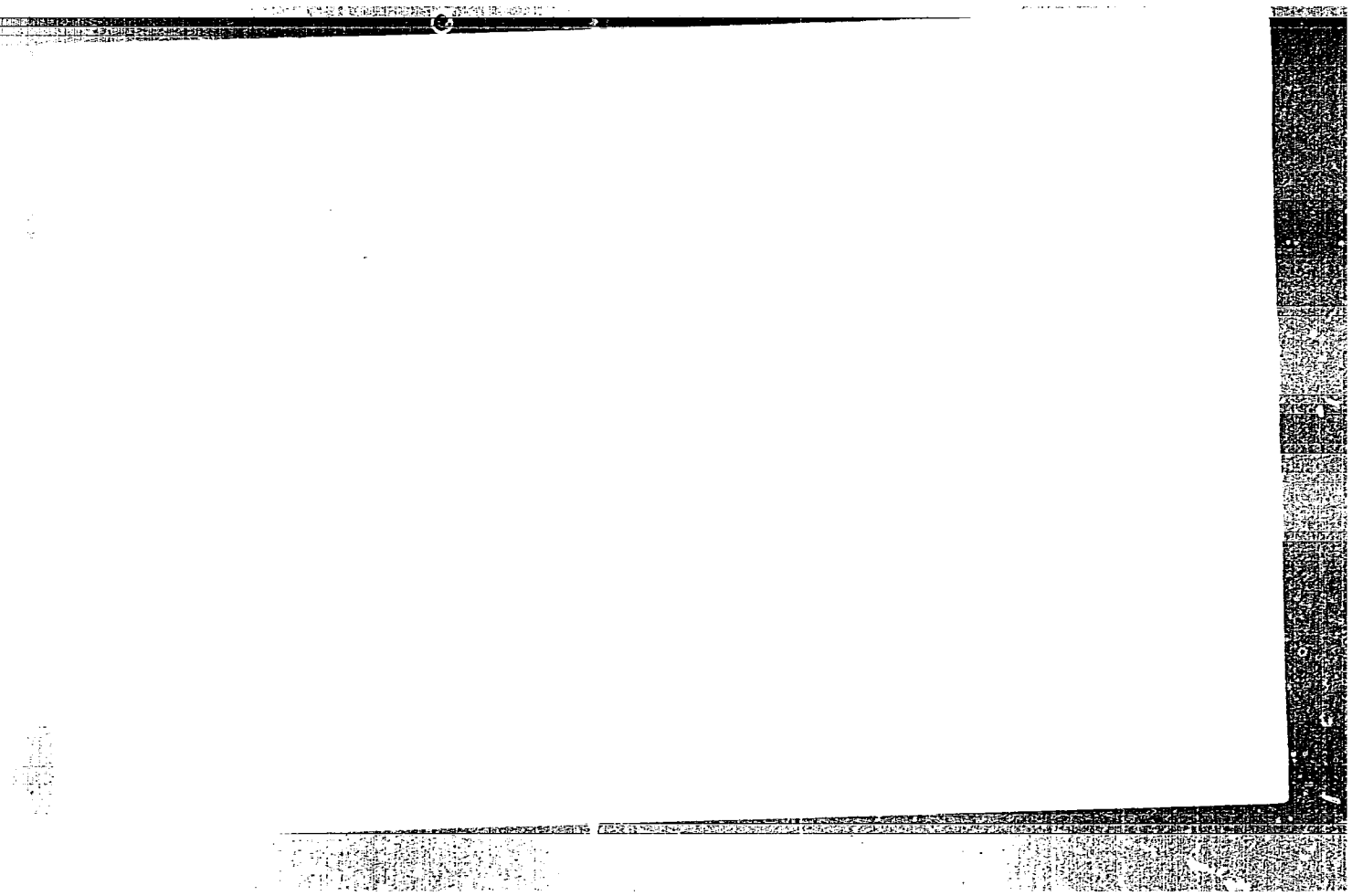

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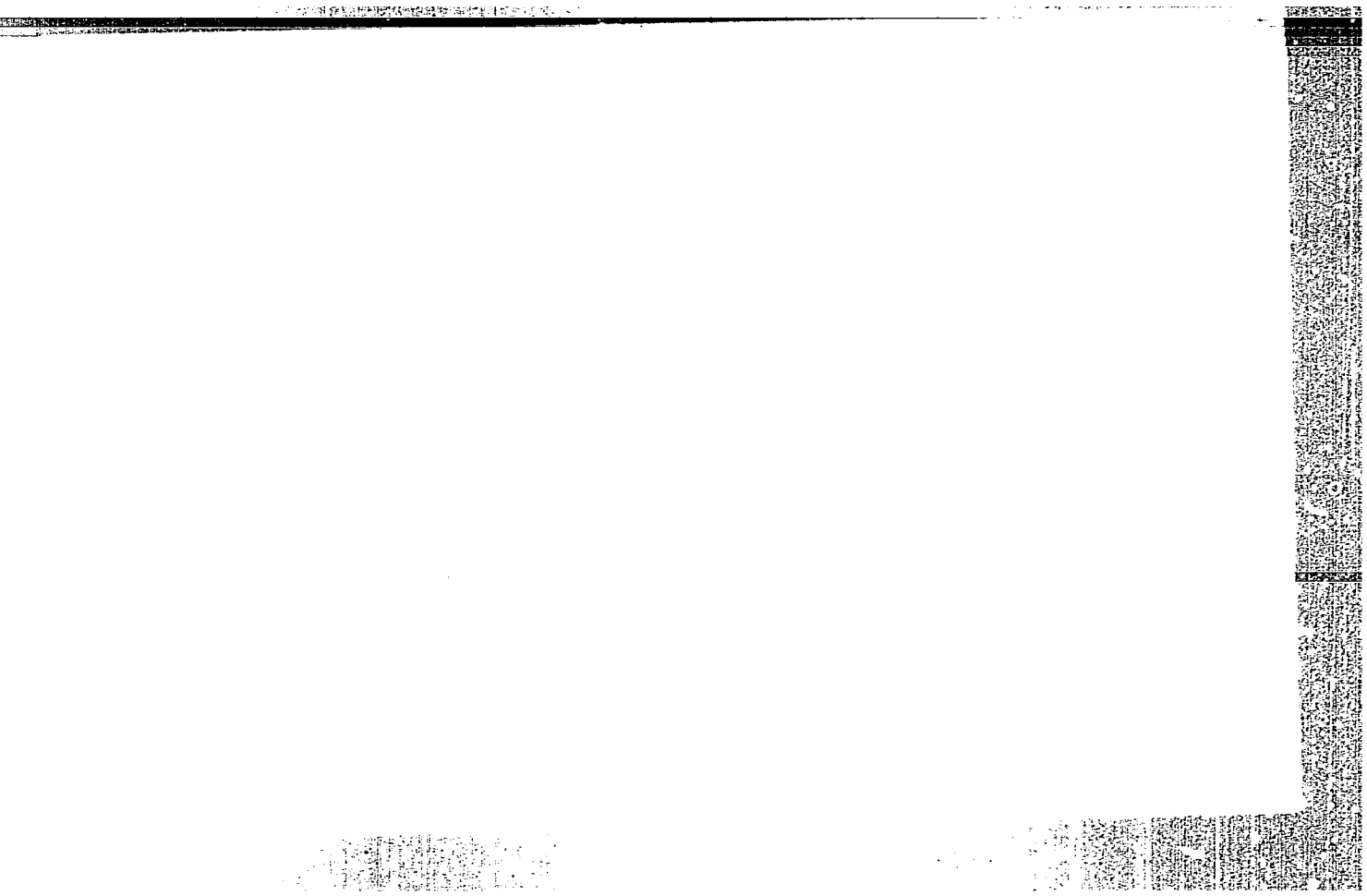

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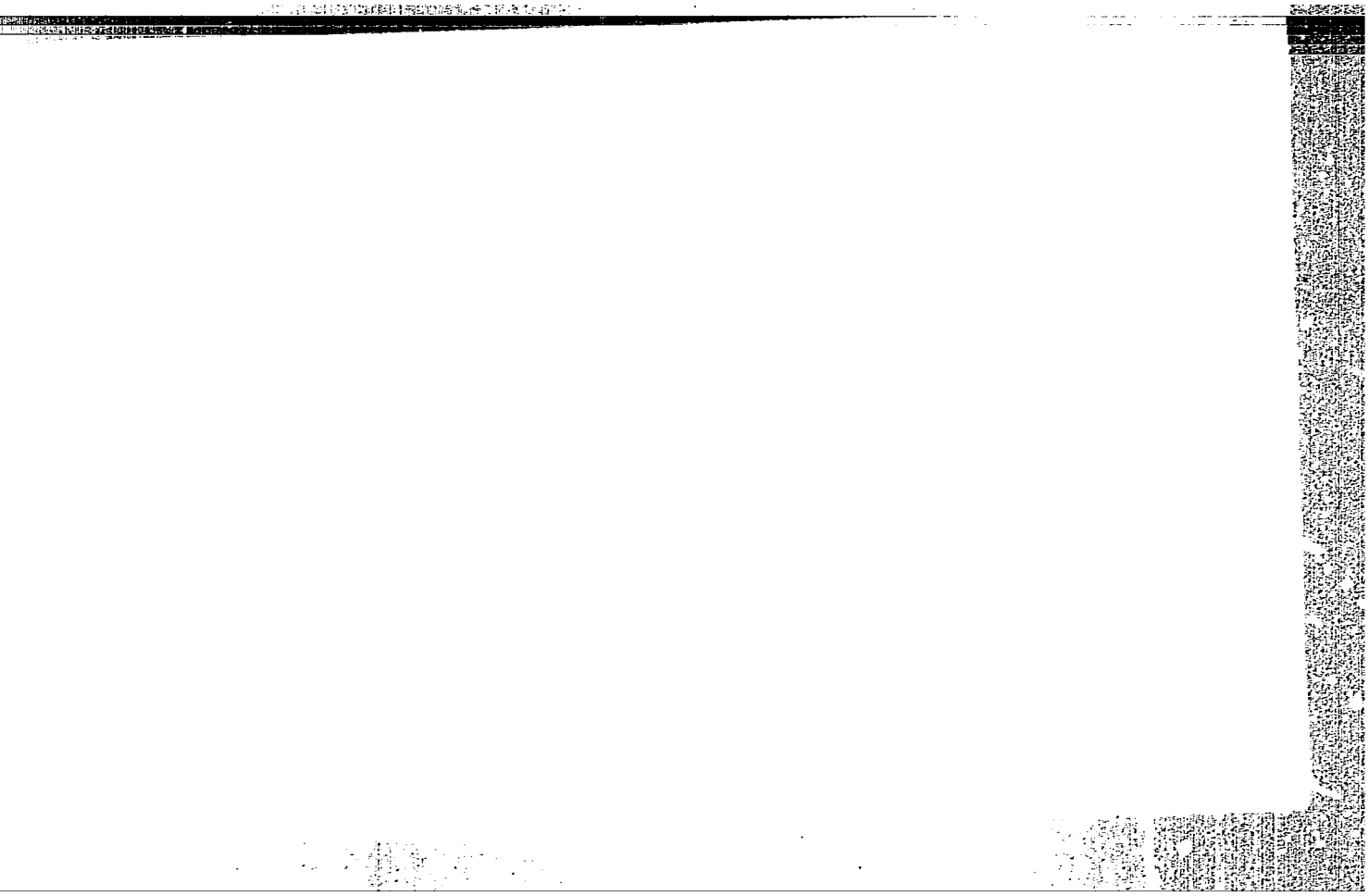


APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929620012-0"

L 11161-67 EWP(k)/EWP(h)/EWT(d)/EWT(m)/EWP(l)/EWP(w)/EWP(v)/EWP(t)/EWT [illegible]

AP6032459 JD/HW (A) SOURCE CODE: UR/0129/66/000/009/0045/0048

AUTHOR: Bron, D. I.; Levites, I. I.

ORG: NIITAVTOPROM

TITLE: The properties of 55KhGR steel after ausforming and requenching

SOURCE: Metallovedeniye i termicheskaya obrabotka metallov, no. 9, 1966, 45-48

TOPIC TAGS: mechanical property, metal ausforming, spring steel, metal deformation

ABSTRACT: The authors study the effect of the degree of deformation during ausforming on the strength, yield and fatigue characteristics of 55KhGR spring steel with the following composition: 0.57% C, 1.03% Mn, 0.36% Si, 1.14% Cr and 0.0037% B. Flat specimens were tested on one pass through a laboratory rolling mill. The degrees of reduction were 15, 25 and 50%. The final thickness of the specimens was 4 mm. Three types of heat treatment were used: the first consisted of deformation at 950°C or normal quenching in oil and tempering at 250°C for one hour; the second is the same as the first except that the specimens were tempered at 650°C for one hour and reheated in a salt bath at 270°C for two minutes, quenched in oil and tempered at 250°C for one hour; the third is the same as the second but does not include tempering at 250°C. Specimens for tensile testing were not subjected to mechanical treatment, while those which were intended for fatigue testing were polished and deep cooled.

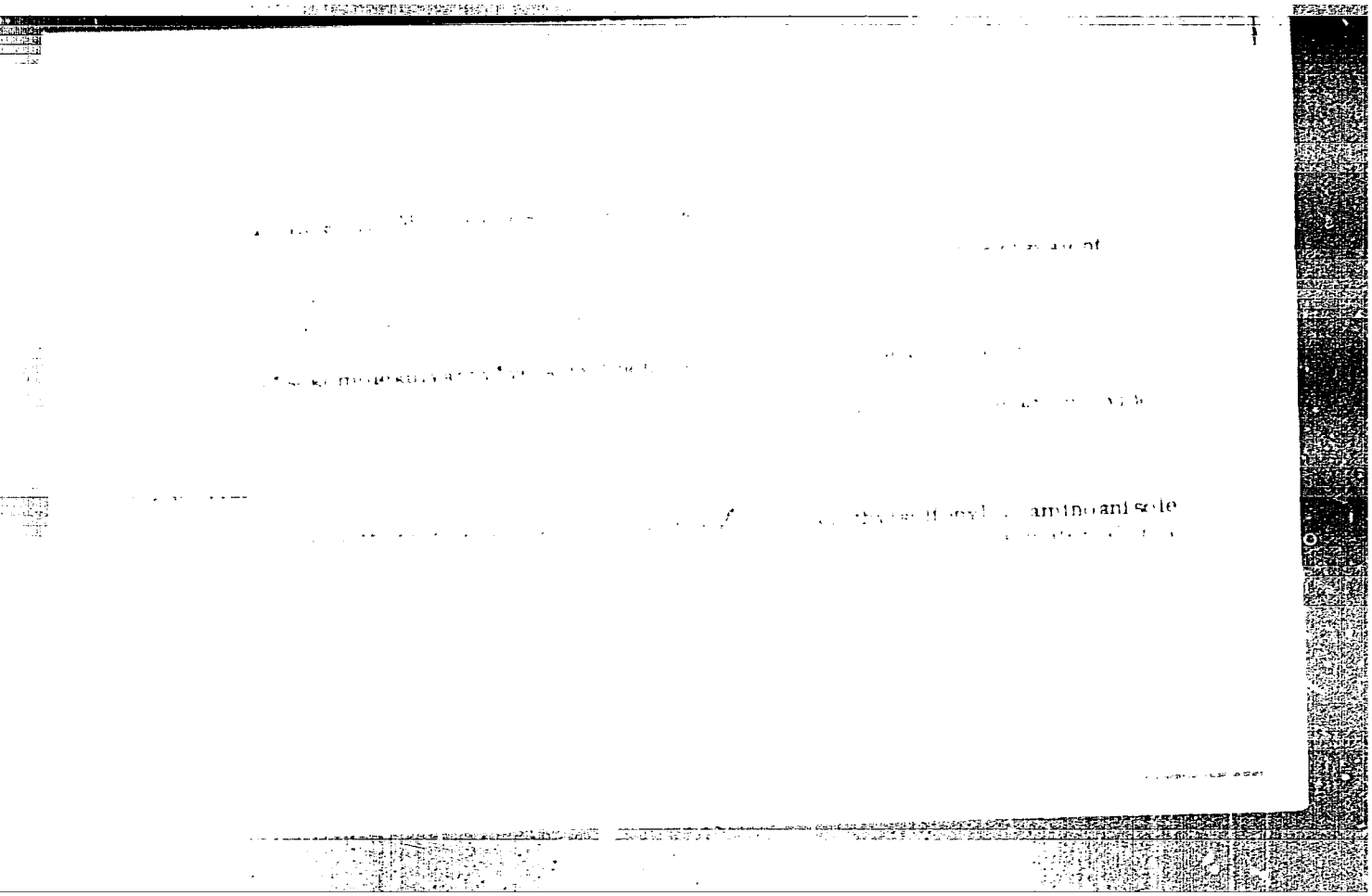
Card 1/2 UDC: 621.785:539.374

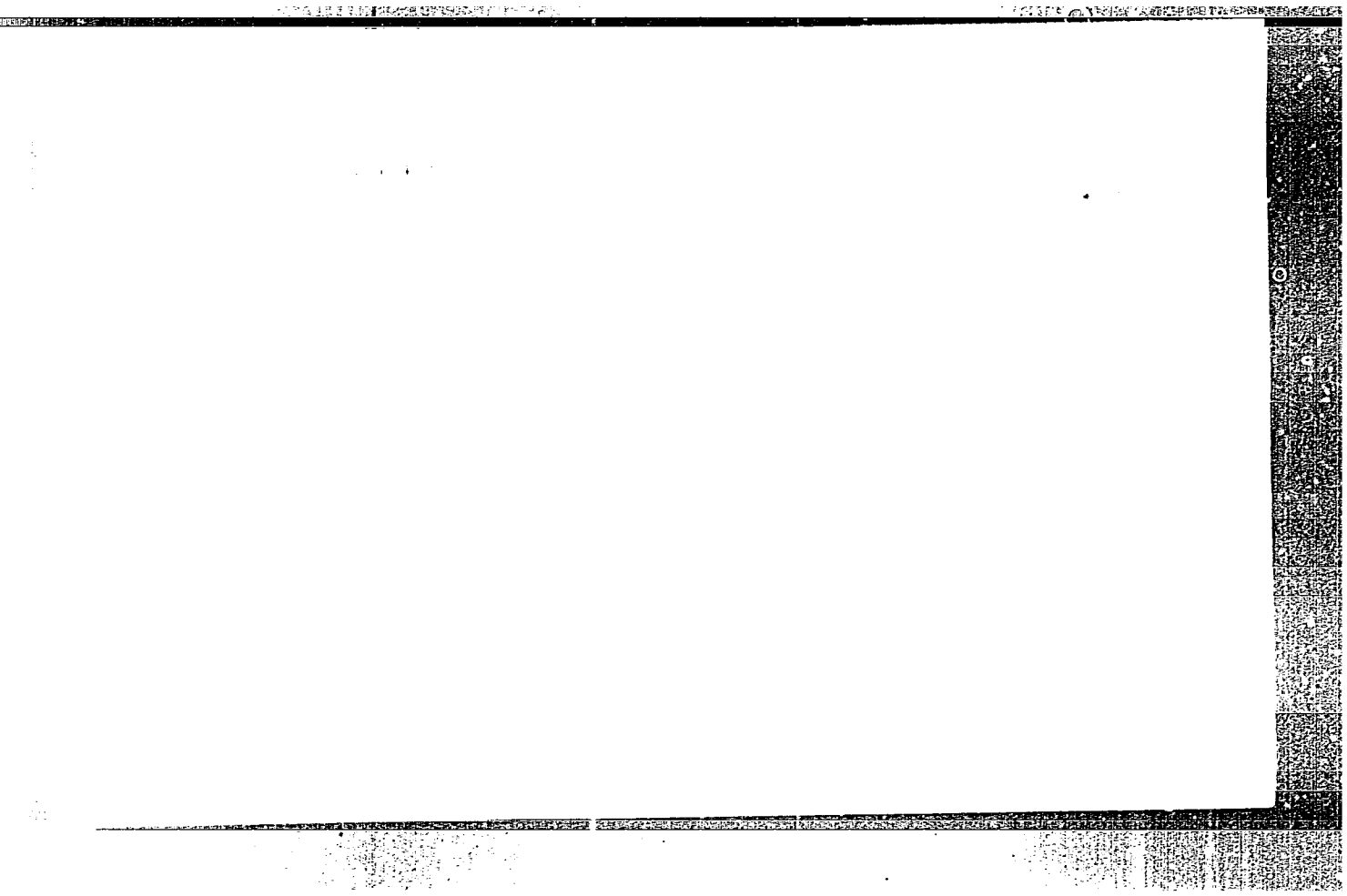
L 11161-67
ACC NR: AP6032459

All tensile testing was done on the "Shopper" 30 ton hydraulic machine. The fatigue tests were done on the NAMI-IRS-2 machine. The results of these tests show that direct ausforming improves the strength and fatigue characteristics of steel by 10%. Maximum strengthening effect is achieved with a 25% reduction. Steel strengthened by ausforming can be retempered by rapid heating after intermediate tempering which partially reduces its strength and improves its plastic characteristics. On the other hand, if low temperature tempering is eliminated during direct ausforming, full recovery of properties during requenching and low temperature tempering of steel strengthened by ausforming is impossible. Orig. art. has: 3 figures.

SUB CODE: 11/ 13/ SUBM DATE: None/ ORIG REF: 004

Card 2/2





APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000929620012-0"

LEVITE, Ye.M.

Hemodynamic and respiratory changes related to the Trendelenburg position. Akush. i gin. 40 no.4:120-124 Jl-Ag '64. (MIRA 18:4)

1. Nauchno-issledovatel'skiy onkologicheskiy institut imeni Gertsena (dir. - prof. A.M.Novikov), Moskva.

LEVITES, Yakov Moiseyevich; SHANTSER, Ye.V., redaktor; NIKITINA, V.N., redaktor izdatel'stva; ENTIN, M.L., redaktor izdatel'stva; GUROVA, O.A., tekhnicheskiy redaktor

[Historical geology and the principles of paleontology] Istoricheskaia geologiia s osnovami paleontologii. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1956. 314 p. (MLRA 9:10)
(Paleontology)
(Geology--History)

LEVITES, Yakov Isaakovich; KUZ'MENKO, Ye.Ye., retsenzent; KHAIN, V.Ye., prof., nauchn. red.; ABRAMOVICH, V.L., ved. red.

[General and historical geology] Obshchaia i istoricheskaia geologiia. Moskva, Nedra, 1965. 280 p. (MIRA 18:11)

LEVITES, Yakov Moiseyevich; MURATOV, M.V., red.; SAMARCHYAN, L.M., red. izd-va; BYKOVA, V.V., tekhn. red.

[Historical geology together with the principles of the paleontology and geology of the U.S.S.R.] Istoricheskaia geologiia s osnovami paleontologii i geologii SSSR. Moskva, Gos. nauchno-tekhn.izd-vo lit-ry po geol. i okhrane nedr, 1961. 295 p. (MIRA 15:1)

(Geology)

LEVITIN, A.

Constructing a flax mill in Zhitomir. Prom. stroi. i inzh. soor. 2 no. 1:41-43 Ja '61. (MIRA 14:1)

1. Nachal'nik stroitel'nogo otdela Ukrgiprolegproma. (Zhitomir—Textile factories)

LEVITIN, A., inzh.; RYMAR, I., inzh.

Improving the design of light-industry enterprises. Prom.stroi.i inzh.soor. 4 no.1:18-23 Ja-F '62. (MIRA 15:8)
(Factories—Design and construction)

AB, E.A.; LEVITIN, A.I.; ORLOVA, L.B.; PLOTNIKOV, R.I.

Apparatus for luminescence logging of oil wells from drilling fluid coming out. Prikl. geofiz. no.37:183-194 '63. (MIRA 16:10)

AB, E.A.; LEVITIN, A.I.; PLOTNIKOV, R.I.

Temperature quenching of the luminescence of oil. Geofiz. prit. no.20: 97-98 '64. (MIRA 18:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut razvedochnoy geofiziki.

L 14646-66 EWT(1) GW
ACC NR: AT6004295 SOURCE CODE: UR/3175/65/000/026/0044/0048

29
27
B+1

AUTHOR: Ab, E. A.; Gordin, V. L.; Levitin, A. I.; Filippov, V. A.

ORG: none

TITLE: A portable source of ultraviolet radiation

SOURCE: USSR. Gosudarstvennyy geologicheskiy komitet. Osoboye konstruktorskoye byuro. Geofizicheskaya apparatura, no. 26, 1965, 44-48

12,44,55 12,44,55

TOPIC TAGS: UV light source, spectral distribution

ABSTRACT: The authors describe a portable radiation source designed for operation in the UV region of the spectrum at about 254 and 320-400 mμ. The spherical envelope of the tube is made from ordinary uviol glass and is about 15 mm in diameter with a wall thickness of the order of fractions of a millimeter. The radiation spectrum of the tube may be expanded by coating the inside of the envelope with a phosphorescent material which emits radiation in the desired spectral region. If part of the surface of the envelope is left uncoated (a "window"), the same tube may be used for bidirectional radiation in different spectral regions. Optimum supply fre-

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2

2

quency was found to be of the order of 100 Mc. A power of the order of 12 w and a frequency of about 100 Mc gave a surface radiation density in the 254 mμ range approximately fifty times that of BUV-15 tubes (15 w) and nearly equal to the surface density for PRK tubes. Application of L-33 phosphor increases emission in the 320--400 mμ with a surface radiation density approximately 30-40 times that of the UFO-4A tube which has similar spectral distribution. An increase in tube power is not recommended since it may darken or melt the glass of the envelope. Tables and curves are given illustrating the characteristics of spectral distribution for emission from these tubes. The authors are sincerely grateful to L. A. Khutsishvili and N. N. Klimenko for their participation in this work. Orig. art. has: 3 figures, 2 tables.

SUB CODE: 20/ SUBM DATE: 00/ ORIG REF: 004/ OTH REF: 001

Card 2/2

LEVITIN, A.N.

Wild bulbous plants of Central Asia and their development in cultivation. Biul.Glav.bot. sada no.17:22-31 '54. (MLRA 8:3)

1. Ukrainskiy nauchno-issledovatel'skiy institut ovoshchevodstva.
(Bulbs)

LEVITIN, A.N.

COUNTRY : [illegible]R
CATEGORY : Cultivated Plants - Forage Crops.

ABS. JOUR. : [illegible]Biol., No.14, 195[illegible], No. [illegible]473

AUTHOR : Sergeyev, [illegible], Levitin, [illegible]
INST. : -
TITLE : [illegible] Growing [illegible] Varieties of Forage [illegible].

ORIG. PUB. : Agricultur[illegible] [illegible] 195[illegible], No. 4, [illegible];
[illegible] No. 4, [illegible]
ABSTRACT : Results are cited of the experiments on the cultivation for [illegible] of forage [illegible] [illegible] and [illegible]; [illegible] (the best results were produced by hybrid Dnepropetrovskaya [illegible] and [illegible] ([illegible] and [illegible]). [illegible] plantings of [illegible] are recommended. -- [illegible]

Card: 1/1

LEVITIN, A.Ye., inzh.

Motortruck for track maintenance and repair. Put' i put.khoz. 8 no.6:14 '64. (MIRA 17:9)

1. Stantsiya Ugreshskaya, Moskovskoy dorogi.

LEVITIN, A. Ye.

PA 78T91

USSR/Radio Equipment
Circuits, Tuned - Impedance

Mar 1948

"Circuit 'Q,' Part I," A. Ye. Levitin, 3 pp

"Radio" No 3

Will be completed in the following issue. Discusses decrement of damping, various characteristic values of circuits or coils, voltage rise, selectivity band, and circuit impedance.

ID

78T91

LEVITIN, B., inzhener

Convertiplanes. Tekh.mol.23 no.7:36-37 Jl'55. (MLRA 8:10)
(Convertiplanes)

LEVITIN, B., inzhener.

Convertiplanes. Tekh.mol.24 no.1/2:78-79 Ja-F '56.
(Convertiplanes)

LEVITIN, B., inzhener.

"Coleopter," [a rocket (vertical-horizontal) aircraft]. Tekh.mol. 24 no.3:33 Mr '56. (MLRA 9:7)
(Rockets (Aeronautics))

LEVITIN, B. S. Cand Tech Sci -- (diss) "Laws of the weight of sectional steel auto[redacted]-highway [redacted] bridges." Mos, 1958. 16 pp (Min of Higher Education USSR. Mos Order of Labor Red Banner Construction Engineering Inst im V. V. Kuybyshev), 110 copies (KL, 14-58, 113)

LEVITIN, B.S., kand.tekhn.nauk

Using aluminum alloys in the manufacture of cranes. Vest. mashinostr. 42 no.7:43-44 Jl '62. (MIRA 15:8)
(Cranes, derricks, etc.) (Aluminum alloys)

LEVITIN, B.S.; VORONTSOV, G.A.; IL'YASEVICH, S.A., doktor tekhn. nauk, prof., retsenzent

[Use of aluminum alloys in crane metal structures] Primenenie aliuminievykh splavov v kranovykh metallokonstruktsiiakh. Moskva, Mashinostroenie, 1964. 191 p. (MIRA 17:7)

AUTHOR: Levitin, B.Ye. 136-6-18/26

TITLE: Reserves of the Dneprovsk Aluminium Works. (Rezervy Dneprovskogo Alyuminiyevogo Zavoda)

PERIODICAL: Tsvetnyye Metally, 1957, p. 76 (USSR)

ABSTRACT: In this brief note on methods used by the collective of the seventh production division of the electrolytic shop at the Dneprovsk Aluminium Works data on efficiency increases are given. Teams of workers, led by Popravka, Dement'yev, Machurashvili, distinguished themselves in this respect, as did shifts under Mel'nikov, Nalivayko, Demichev, Ignatenko, and Yermakova. These successes are attributed to the adoption of progressive methods, including automatic current control, 2.20 - 2.30 electrolyte acidity in 40 kA baths and current densities of not less than 16 A/cm^2. These and other parameters are tabulated and discussed. In 1956, the yield with respect to current achieved was 89.4%, 0.4% better than planned.

AVAILABLE: Library of Congress

Card 1/1