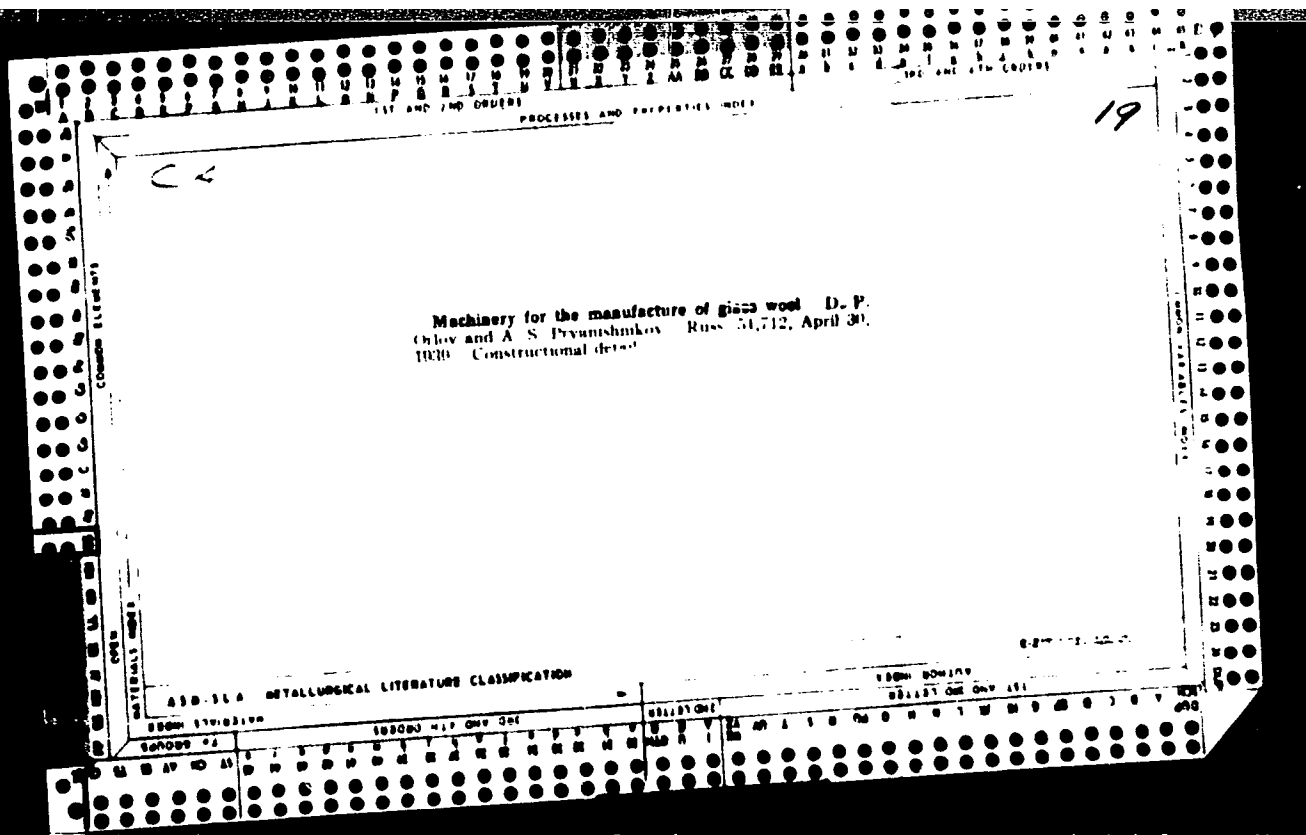


CHERDYNTSEV, V.V.; ASYLBAEV, U.Kh.; ORLOV, D.P.; SHONIN, L.I.; ISABAYEV,
Ye.A.; KADYROV, N.B.

Uranium isotopes in nature. 1. Actinum-radio ratio of minerals.
Geokhimiya no.8:650-655 '61. (MIRA 17:3)

1. Geologicheskii institut AN SSSR, Moskva i Kazakhskiy gosudarst-
vennyy universitet, Alma-Ata.



СРІСІ, Д. Р.

"Strength of Gypsum and Mica Crystals Under Periodic Torsion," Dok. AN, 7, No. 1,
1950, Inst. Phys. Chem. Acad. Sci. Kuybyshev State Pedagog. Inst. im. Kuybyshev,
-c1950-.

Category : USSR/Solid State Physics - Mechanical properties of crystals and poly-crystalline compounds E-9

Abs Jour : Ref Zhur - Fizika, No 1, 1957, No 1348

Author : Orlov, D.P.

Title : Concerning Fatigue Fracture of Non-Metallic Crystals

Orig Pub : Uch. zap. Kuybyshevsk. gos. ped. in-t, 1956, vyp. 14, 139-143

Abstract : Investigations of the endurance of monocrystals of gypsum and mica show that fatigue damage to gypsum begins most frequently in the appearance of cracks on the side surface of the specimen; these initial cracks develop further into entire bundles of cracks of a most varied form. Outside flaws lead to destruction of the specimens only in those cases when they are due to damage to the total cleavage surfaces. Fatigue fracture by reciprocating twisting is characterized by the presence of a small crack in the fracture lines, having a great variety of directions in the various sheets of the crystals; in the case of fracture by unidirectional twisting, these lines are parallel to the planes of the clear cleavage. Likewise, surface damage to mica specimens affect neither the endurance nor the location of damage. It is noted that more cracks and finer cracks are formed on mica plates in active media than in air.

Card : 1/1

USSR/Chemical Technology - Chemical Products and Their Application. Silicates.
Glass. Ceramics. Binders, I-9

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 62350

Author: Tray, D. P.

Institution: None

Title: Durability of Gypsum and Mica on Torsion in Alternating Directions
in Various Media

Original
Periodical: Ucn. zap. Kuybyshevsk. gos. ped. in-ta, 1956, No 14, 145-162

Abstract: The reported investigations have shown that geometrical shape of the samples and the external medium have a pronounced influence on durability of gypsum and mica. Thus with increasing thickness of samples durability of gypsum decreases and that of mica increases. Adsorption effect of water decreases durability of gypsum by 45-65% and that of mica by 30-55%. Surface active media for gypsum are solutions of CaCl_2 , MgCl_2 , NaCl , MgSO_4 , Na_2SO_4 and alcohols (isoamyl, ethyl, methyl); for mica, aqueous solutions of alcohols (octyl, isoamyl,

Card 1/2

USSR/Chemical Technology - Chemical Products and Their Application. Silicates.
Glass. Ceramics. Binders, I-9

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 62350

Abstract: isobutyl, ethyl, methyl), and especially solutions of glucose and saccharose (maximal at a concentration of 1%). It is noted that magnitude of adsorption effect depends primarily on concentration of active substance; moreover the adsorption effect depends on factors of mechanical and geometrical nature.

Card 2/2

SHINAKOV, A.A.; BODROV, P.P.; ORLOV, L.P.

Building precast reinforced-concrete reservoirs for traction substations. Transp. stroi. 14 no.4:29-32 Ap '64.

(MIRA 17:9)

1. Glavnyy inzh. upravleniya Permstroyputi (for Shinakov).
2. Glavnyy tekhnolog upravleniya Permstroyputi (for Bodrov).
3. Starshiy inzh. upravleniya Permstroyputi (for Orlov).

ORLOV, P.S.; TSIKURINA, N.N.

Quantitative determination of selenium in soils and soil solutions with the help of a glass electrode. Vestn. Mosk. univ. Ser. 6:19-22. Moscow, 1962. (MIRA 1212)

1. Kafedra khimii nafta i gazov Mosk. gos. universiteta.

ORLOV, D.S.

ORLOV, D.S.: "Cation exchange and the salt composition of the liquid phase of soils". Moscow, 1955. Moscow Order of Lenin and Order of Labor Red Banner State University N.V. Lomonosov. (Dissertations for the Degree of Candidate of Biological Sciences)

RC: Krizhnaya letopis' 1954, 20 October, 1955. Moscow.

Application of activity to the investigation of adsorption reactions and cationic exchange in soils. N. G. Zyrin and D. S. Orlov. *Vestnik Moskov. Univ.* 11, Ser. Biol., Pochvoved., Geol., Geograf., No. 1, 72-81 (1958). — The application of ionic activity to study of the regularity of many chem. processes occurring during soil formation and the advantage and method of detg. the activity coeff. are discussed. The activity coeff. generalizes many separate factors and characterizes many processes in soil formation such as: regularity of accumulation of salts in soils; soly. of salts; oxidation-reduction reactions, the stage of hydratation, etc. The value of the activity coeff. is independent of the heterogeneity of soil soils. M. Charnadarian

Country : USSR
Category : Soil Science. Physical and Chemical Properties of Soils. J

Abs Jour : RZhBiol., No 6, 1959; No 24606

Author : Zyrin, N. G.; Orlov, D. S.
Inst : Moscow University.
Title : Determination Methods of the Activity of Sodium Ions in Soils and Soil Solutions.
Orig Pub : Vest. Mosk. un-ta, Ser. biol. pochvoved., geol., geogr., 1958, No. 1, 71-80

Abstract : The activity of sodium ions in soils and soil solutions may be determined by a special glass electrode with Na-function with the aid of a lamp potentiometer. The magnitude of activity is closely connected with the genetic peculiarities of certain soils and may serve as a method for an approximate diagnosis of solonchets and saline soils. For these purposes, it

Card : 1/2

ORLOV, D.S.

Absorption of light in the visible part of the spectrum by humus substances. Nauch. dokl. vys. shkoly; biol. nauki no.4:192-197 '59. (MIRA 12:12)

1. Rekomendovana kafedroy pochvovedeniya Moskovskogo gosudarstvennogo universiteta im. M.V. Lomonosova. (Humus) (Absorption of light) (Soils--Analysis)

ORLOV, D.S.

[Polarographic analysis of soils; brief manual for practical exercises] Poliarograficheskie metody issledovaniia pochv; kratkoe rukovodstvo k prakticheskim zadaniiam. Moskva, Izd-vo Mosk.univ., 1960. 131 p. (MIRA 14:2)
(Soils--Analysis) (Polarography)

ORLOV, D.S.

Method of studying optical properties of humus substances. Nauch.
dokl. vys. shkoly; biol. nauki no.1:204-207 '60.

(MIRA 13:2)

1. Rekomendovana kafedroy pochvovedeniya Moskovskogo gosudarstvennogo
universiteta im. M.V. Lomonosova.

(HUMUS—OPTICAL PROPERTIES)

ORLOV, D.S.; NESTERENKO, N.V.

Formation of cobalt, nickel, copper, and zinc humates. Nauch. dokl.
vys. shkoly; biol. nauki no.3:195-198 '60. (MIRA 13:8)

1. Rekomendovana kafedroy pochvovedeniya Moskovskogo gosudarst-
vennogo universiteta im. M.V. Lomonosova.
(Humic acid) (Metals)

ZYRIN, N.G.; ORLOV, D.S.

Training soil chemists. Pechvovedenie no.8:108-112 Ag '61.
(MIRA 14:11)

1. Moskovskiy gosudarstvennyy universitet imeni M.V.Lomonosova.
(Soil chemistry--Study and teaching)

ORLOV, D.S.; ROZANOVA, O.N.; MATYUKHINA, S.G.

Infrared absorption spectra of humic acids. Pochvovedenie
no.1:17-25 Ja '62. (MIRA 17:1)

1. Gosudarstvennyy universitet imeni Lomonosova.

ORLOV, D.S.; ZUB, V.T.

Optical properties and elementary composition of fulvic acids of various origin. Nauch. dokl. vys. shkoly; biol. nauki no.3: 182-188 '63. (MIRA 16:9)

1. Rekomendovana kafedroy pochvovedeniya Moskovskogo gosudarstvennogo universiteta im. Lomonosova.
(Fulvic acid)

ORLOV, D. S.; DENISOVA, M. F.

Aromatic nature of the ring of humic acids from Chernozem and
turf-Podzolic soils. Nauch. dokl. vys. shkoly; biol. nauki no.3:
184-188 '62. (MIRA 15:7)

1. Rekomendovana kafedroy pochvovedeniya Moskovskogo gosudarst-
vennogo universiteta im. M. V. Lomonosova.

(HUMIC ACIDS) (CHERNOZEM SOILS) (PODZOL)

OBUKHOV, A.I., ORLOV, D.S.

Spectral reflective capacity of the main soil types and the possibility of the utilization of the diffuse reflection in soil research. Pochvovedenie no.2:83-94 F '64. (MIRA 17:3)

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova.

OVCHINNIKOVA, M.F.; ORLOV, D.S.

Nitrogen distribution in fractions of organic soil substances.
Vest. Mosk. un. Ser. 6; Biol., pochv. 19 no.3:11-20 My-Je '64.
(MIRA 17:12)

1. Kafedra pochvovedeniya Moskovskogo universiteta.

ZYRIN, N. I.; OVCHINNIKOVA, M. F.; BRIN, I. S.

Amino acid composition of humic acids and fulvic acids in some soil
types. Agrokhimiya n. 4:102-120. Ag. 1974. VERA 17:10.

ZYRIN, Nikolay Georgiyevich; ORLOV, Dmitriy Sergeevich;
KOROBISOVA, N.A., red.

[Physicochemical methods of studying soils] Fiziko-
khimicheskie metody issledovaniia pochv. Moskva, Izd-
vo Mosk. univ., 1964. 347 p. (MIRA 17:12)

ORLOV, D.S.; GOPSHKOVA, Ye.I.

Size and shape of humic acid particles from Chernozem and
turf-Podzolic soils. Nauch. dokl. vys. shkoly; biol. nauki
no.1:207-212 '65. (MIRA 18:2)

1. Rekomendovana kafedroy pochvovedeniya Moskovskogo gosudarst-
vennogo universiteta.

ZYRIN, Nikolay Georgiyevich; ORLOV, Dmitriy Sergeevich; VOROB'YEVA,
Lyudmila Andreyevna; KOROBTSOVA, N.A., red.

[Reference and calculation tables for the physicochemical
study of soils] Spravochnye i raschetnye tablitsy dlia
fiziko-khimiicheskikh metodov issledovaniia pochv. Moskva,
Izd-vo Mosk. univ., 1965. 131 p. (MIRA 18:8)

ORLOV, D.S.; GLEBOVA, G.I.; MIDAKOVA, K.Ye.

Analysis of the distribution of ferric compounds and humus in
the soil profile based on the curves of spectral brightness.
Nauch. dokl. vys. shkoly; biol. nauki no.1:217-222 '66.
(MIRA 19:1)

1. Rekomendovana kafedroy pochvovedeniya Moskovskogo
gosudarstvennogo universiteta. Submitted December 2, 1964.

ORLOV, D.V.

Improving the quality of the repair of keyboard musical instruments. Gor.khoz.Mosk. 36 no.2:33-34 F '62. (MIRA 16:2)

1. Glavnyy inzhener zavoda "Mosmusradio".
(Musical instruments--Repairing)

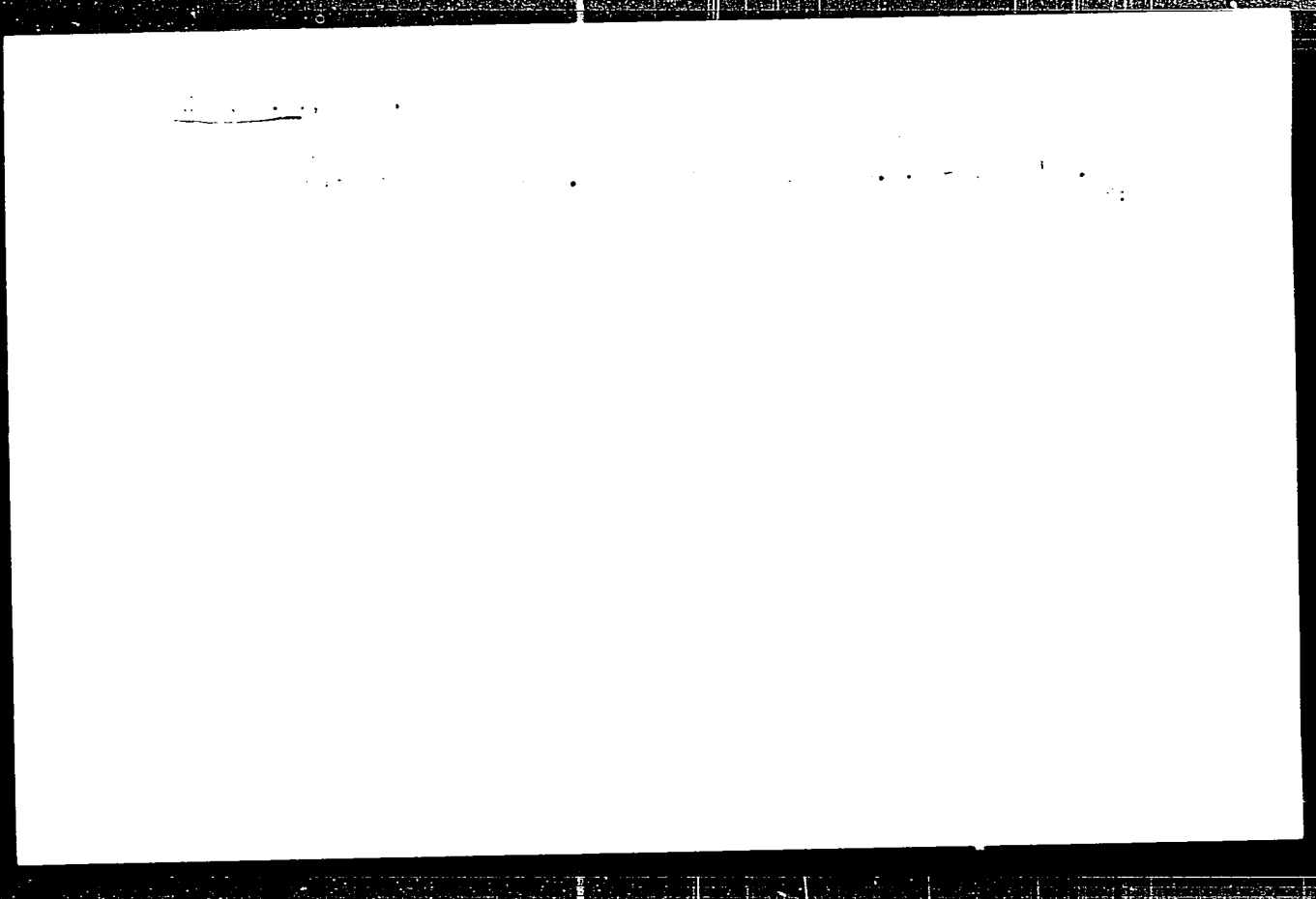
ORLOV, Dmitriy Vasil'yevich, assistent

Use of an electronic integrator in the study of an electromagnetic time relay. Izv. vys. ucheb. zav.; elektromekh. 6 no.1:124-126 '63. (MIRA 16:5)

1. Kafedra elektricheskikh mashin i apparatov Ivanovskogo politekhnicheskogo instituta.
(Electric relays) (Electronic measurements)

ORLOV, D.V., inzh.

Optimum proportionalities in electromagnetic time relays.
Vest. elektrom. 34 no.7:64-67 J1 '63. (MIRA 16:8)



ORLOV, Dmitriy Vasil'yevich, aspirant

Design of an electromagnetic time relay with minimum weight
and cost. Izv. vys. ucheb. zav.; elektromekh. 8 no.11:1286-
1293 '65. (MIRA 19:1)

1. Kafedra elektroapparatostroyeniya Moskovskogo ordena Lenina
energeticheskogo instituta.

ORLOV, B.M.

Using S-413 type vibrators for salt hoppers in the Rybinsk harbor.
Rech.transp. 18 no.12:45-46 D '59. (MIRA 13:4)

1. Nachal'nik Tekhnicheskogo otdela Rybinskogo porta.
(Rybinsk--Materials handling) (Salt)

ORLOV, E.

New design for the turn mechanism of an RM3 type floating crane.
Rech. transp. 21 no.5:43 My '62. (MIRA 15:5)

1. Nachal'nik Tekhnicheskogo otdela Rybinskogo porta.
(Floating cranes)

ORLOV, E. S. and VASIL'KOV, G. V.

"About the Coordination Conference of Veterinary Scientific-Research
Institutes of countries X of the Socialist league."

Veterinariya, Vol. 38, No. 3, 1961, p. 84.

ORLOV, E. S. (Professor, VIEV)

"Methods of control of brucellosis of agricultural animals"

Veterinariya, vol. 39, no. 5, May 1962 pp. 40

27-1-17/19

AUTHOR: Orlov, F., Assistant Director for Cultural Education of the
Technical School # 9 in Moscow

TITLE: A Film About Labor Reserves (Kinoocherk o trudovykh rezervakh)

PERIODICAL: Professional'no-Tekhnicheskoye Obrazovaniye, 1958, # 1,
pp 30-31 (USSR)

ABSTRACT: The author describes how the Moscow Popular Scientific
Studio is producing a documentary film at the Moscow Technical
School # 9 (Tekhnicheskoye uchilishche # 9, Moskva). The
picture is supposed to show the daily training of young
experts at the technical schools of the labor reserves. The
producer, S.L.Raysburt, and the cinema-operator, A.C.Firsov,
had to perform the difficult task of illustrating the system
of Soviet professional training without disturbing the lessons.

AVAILABLE: Library of Congress

Card 1/1

ORLOV, F.

Strawberries

Growing strawberries, Kolkh. prciz., 12, no. 6, 1952

9. Monthly List of Russian Accessions, Library of Congress October 1953² Uncl.

Agriculture

Planting trees and shrubs in the cities and villages of Archangel Province.
Arkhanzer'sk, Pbl. gos. izd, 1961.

Monthly list of Russian Acquisitions. Library of Congress, October 1961 - 1962.

ORLOV, F. E.

Arboretums

Arboretum of the Archangel Forest Research Institute. F. E. Orlov. Les. khoz. 5
No. 7, 1952.

9. Monthly List of Russian Accessions, Library of Congress, September ¹⁹⁵² ~~1953~~, Unclassified.

USSR/Cultivated Plants. Introduction and Acclimatization.

Abs Jour: Ref Zhur-Biol., No 5, 1958, 2009.

Author : F. B. Orlov

Inst : Arkhangel Wood Technology Institute.

Title : Preliminary Results of Introducing Species of Trees and Shrubs into the Tree Garden of Arkhangel Wood Technology Institute. (Predvaritel'nyye resul'taty introduktsii drevesnykh i kustarnikovykh porod v dendrarii ALTI).

Orig Pub: Tr. Arkhang. lesotekhn. in-ta, 1957, 17, 150-158.

Abstract: The introduction of species of trees and shrubs into the dendrarium [tree and shrub garden] of the Arkhangel Wood Technology Institute began more than 20 years ago. The dendrarium soil was cultivated to a depth of 60 cm, and below this, turf was laid out in a deeper stratum of more than 2 meters; the pH of the soil was 6-7. The spe-

Card : 1/2

. USSR/Cultivated Plants. Introduction and Acclimatization.

Abs Jour: Ref Zhur-Biol., No 5, 1958, 20209.

cies were cultivated for the most part through seeding. A number of species were sown in hotbeds or in bins, put into place, and gradually acclimatized to the severe climate. Those species are listed which had frozen the first year, were strongly affected by frost, and were acclimatized. In 1955 two hundred species bore fruit. Several species (*Acanthopanax sessiliflorum* Seem., *Corylus avellana* L.) have been growing satisfactorily, although they do not bear fruit. In the majority of cases, the freezing of species diminishes with the plant's growth, and the ripening of seeds improves.

Card : 2/2

ORLOV F.D.

AUTHOR: Kamerdin, L.K. and Orlov, F.D. 117-58-9-11/84

TITLE: Equipment for Cutting Straight-toothed Racks (Prisposobleniye dlya narezaniya pryamozubykh reyek)

PERIODICAL: Mashinostroitel', 1958, Nr 5, pp 27 - 28 (USSR)

ABSTRACT: The usual method of cutting teeth in straight racks is by use of combs. Their disadvantage is a poor efficiency due to low cutting speed and the necessity of repeated adjustments of blanks in case of long racks. The authors propose a new method, using for this purpose the gear shaper 5A150 of the Yegoryevskiy plant "Komsomolets" and special equipment which consists of a box-shaped frame fixed to the gear shaper as shown in figure 1. The top of the frame consists of 2 parts, a stationary and a sliding one. In the sliding part, a groove is cut to support the blank which is fixed by 4 bolts. An ordinary cutter is used for cutting teeth. The rotation of the table transmits the movement to the sliding blank support by means of a worm. For correct cutting it is necessary that the working speed of cutter and movement of the blank are synchronized. An imaginary pinion with a determined number of teeth, for which adequate adjustment must be set up, corresponds to every rack of

Card 1/2

Equipment for Cutting Straight-Toothed Racks

117-58-4-11744

a certain module to be cut. Under "imaginary pinion" is understood an additional worm, which imparts to the blank support the required speed. If the pitch of the rack is to be changed, either the diameter of the worm or the number of teeth for the set up must be changed. Since the diameter of a pinion can not be changed, it is advisable to choose a diameter (for instance 420 mm) which, with a set of interchangeable pinions, offers a variety of modules. There is 1 figure.

AVAILABLE: Library of Congress

Card 2/2 1. Gear cutting machines-Attachment-Operation

GRILOV, F. F.

125-4. Справка о деятельности в период с 1945 по 1950 гг. (подробно, в том числе)
информации, полученной в период с 1945 по 1950 гг.

30: Изд. 1-й серии, 1-й том, Москва, 1949

ORLOV, F.F., kandidat tekhnicheskikh nauk, dotsent.

~~_____~~ Density and pressure of saturated gasoline vapors. Trudy GIIVT
10:59-68 '51. (MLRA 10:1)
(Vapor density) (Vapor pressure)

ORLOV, F.F., kandidat tekhnicheskikh nauk.

Temperature conditions on petroleum hauling barges. Trudy
GIIVT no.12:13-32 '54. (MLRA 10:2)

(Tank vessels)

ORLOV, F.M., doctor; ARKHADEL'SKIY, I.I., prof.; NAZAROV, V.P., doctor
veter. nauk; MISH, M.I., kand. biolog. nauk

Book reviews and bibliography. Veterinariia 41 no.1:112-116
Ja 194. (MIRA 17:3)

ORLOV, F.M., dotsent, kandidat veterinarnykh nauk; METELKIN, A.I., professor,
doktor biologicheskikh nauk, redaktor; KUKHTO, A.F., redaktor;
BORISOVICH, F.K., redaktor; SOKOLOVA, N.N., tekhnicheskii redaktor

[Laboratory methods in veterinary research] Laboratornye metody
issledovaniia v veterinarii. Moskva, Gos. izd-vo sel'khoz. lit-ry.
Vol.4. 1957. 511 p. (MLRA 10:7)
(Veterinary research)

~~ORLOV, F.M.~~, dotsent; USACHEVA, I.G., red.; YARNYKH, A.M., red.; BALLOD,
A.I., tekhn.red.

[Diseases of swine] Bolezni svinei. Moskva, Gos. izd-vo sel'khoz.
lit-ry, 1958. 462 p. (MIRA 12:2)
(Swine--Diseases and pests)

BUDENNYI, S.M.; ORLOV, F.M.; AZAROVA, O.A., ed.; SMIRNOVA, Ye.A., tekhn.
red.; BALLOD, A.I., tekhn.red.

[Book about the horse; the anatomy and physiological characteristics
of the horse] Kniga o lozhadi; anatomia i fiziologicheskie oso-
bennosti lozhadi. Moskva, Gos.izd-vo sel'khoz.lit-ry. Vol.5.
1960. 350 p. (MIRA 13:6)

(Horses)

ORLOV, F.M., dotsent; USACHEVA, I.G., red.; YARNYKH, A.M., red.;
PEVZNER, V.I., tekhn. red.

[Swine diseases] Bolezni svinei. Izd.2., perer. i dop. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1961. 508 p. (MIRA 15:1)
(Swine—Diseases and pests)

ORLOV, F.M., dotsent; USACHEVA, I.G., red.; YARNYKH, A.M., red.;
GUREVICH, M.M., tekhn. red.

[Diseases of birds]Boleznii ptits. Moskva, Sel'khozizdat, 1962.
543 p. (MIRA 16:2)

(Birds--Diseases)

LIKHACHEV, N.V.; SYURIN, V.N.; TSION, R.A.; SHCHERBATYKH, P.Ya.;
ZOTOV, A.P.; SKOMOROKHOV, A.L.; PIROG, P.P.; PINUS, A.A.;
BAZYLEV, P.M.; NAZAROV, V.P.; QILOV, F.M., dots.;
USACHEVA, I.G., red.; YARNYKH, A.M., red.; BALLOD, A.I.,
tekhn. red.; PROKOF'YEVA, L.N., tekhn. red.

[Virus diseases of animals] Virusnye bolezni zhiivotnykh.
Moskva, Sel'khozizdat, 1963. 564 p. (MIRA 17:1)

KARAVAYEV, V.M.; ARKHIPOV, V.V.; AL'MEYEV, Kh.Sh., prof.; RATNEP. . . .
veter. vrach; VASIL'YEV, N.T., prof.; ORLOV, F.M.

Reviews. Veterinariia 41 no.10:113-117 0 '64.

(MIRA 18:11)

1. ORLOV. F. S.
2. USSR (600)
4. Grafting
7. Winter grafting is a method for growing fruit tree seedling more quickly.
Trudy Tomsk. un. 114. '51

9. Monthly List of Russian Accessions, Library of Congress, March 1953. Unclassified.

DRLOV, C., inzh.

Bucket unit with fanjet dumping of soil. Pech. transp. of
no. 12: 29-40 D '64. (ASR 19.6)

I. 38205-67

ACC NR: APO023009

(N)

SOURCE CODE: UR/0308/06/000/004/0030/0030

AUTHOR: Orlov, G. (Engineer)

ORG: TsPKB-8

TITLE: A new bucket arrangement for an elevator dredge

SOURCE: Morskoy flot, no. 4, 1966, 38

TOPIC TAGS: dredging machinery, excavating machinery, construction machinery

ABSTRACT: The author describes a new type of bucket device that was designed by him, developed by the TsPKB-8 Office of the Merchant Marine, and mounted on the elevator dredge "Kaspyskoye More". The trouble caused by the old type bucket of a regular scraper dredge is discussed. The old buckets hampered the operation because their design was not well adapted to the discharge of cohesive and sticky soils. Sometimes, they were so clogged by sticky dirt that an additional cleaning by hand was required. After studying various types of buckets and rippers, the author proposed his own design. The new bucket is equipped with a movable bottom that is pushed out by means of a roller mechanism fixed on the upper prismatic chain drum. The design of the new bucket device is explained and schematically illustrated. The experimental operation of the dredge demonstrated that the new buckets were free from sticky silt and deposits. A power of 215 hp was needed for the new operations instead of 158 hp used formerly for excavations of 15 buckets of soil per minute. The rated capacity of the dredge drive is 250 hp. Orig. art. has: 1 figure.

SUB CODE: 1/ SOA BRAN: none

KRUTOGOLOV, G.V., konstruktor; ORLOV, G.A., konstruktor

Dragavtsev machine used for track maintenance. Put' put.khoz.
no.9:8-10 S '59. (MIRA 12:12)

(Ballast(Railroads)--Maintenance and repairs)

(Railroads--Equipment and supplies)

ORLOV, G-A

The velocity of migration of diphtheria bacilli in the electric field. The cathoretic velocity of diphtheria bacilli. G. A. Orlov. *Z. Mikrobiol. Epidemiol. Immunohygiene*. (U. S. S. R.) 19, 86-90 (in English 95-9) (1937). The cathoretic velocity (C. V.) of diphtheria bacilli at 120 v. and 3 ma. was measured in a camera for counting blood cells. Because of the rapid sedimentation of the bacilli all experiments were carried out with a bacterial suspension in 20% glucose solution. Living, killed, freshly isolated and subcultured bacilli were used. The group of *Corynebacteria* showed a wide variation of C. V. for individual strains (0.22-1.56 μ /sec.). However, different species of this group (diphtheria bacilli, diphtheroids, Hoffmann bacilli) do not possess a characteristic C. V., so the latter cannot be used to differentiate the species. The value of C. V. for each of the diphtheria strains was found to be very constant. There is no great difference between the value of C. V. for living and killed bacteria. Repeated culturing does not change the C. V. A transient retarding influence of fresh and heated diphtheria toxins upon the C. V. values of "rapid" strains was observed, but the initial value of C. V. could be restored by transfers through the use of Löffler's medium. Transfers of the "slow" diphtheria strains through media containing antitoxin led to a transient increase in C. V., which fell again after transfer of the strain through the use of Löffler's medium. No parallelism between the virulence toward guinea pigs and C. V. values was observed, nor was there any apparent parallelism between C. V. and the biochem. properties of diphtheria strains (starch fermentation, hemolysis, growth under anaerobic conditions, etc.). A direct relationship was observed between C. V. and toxin production of given strains on Martin's broth. The average value of the C. V. of cultures from patients was lower than that of cultures from healthy carriers. S. A. Kazalskiy.

ORLOV, G. A. 17

CA

The use of quinnol as a preservative for anti-meningitis serum. G. A. Orlov, T. A. Glogoleva and L. N. Kolesnikova. *Z. Mikrobiol. Epidemiol. Immunmittelforsch.* (U. S. S. R.) 1968, No. 1, 29-34 (in German, 34).—Animal expts. showed that quinnol is harmless, but in concns. of 1:500 and 1:750 only 60-67% sterilization was obtained; 1:3000 and 1:3000 concns. were very little active. Quinnol is considerably less effective in preservation of antisera than is the method of Fiebel'soln. W. R. Hess

ASB-51A METALLURGICAL LITERATURE CLASSIFICATION

SEARCHED INDEXED SERIALIZED FILED

APR 1969

ORLOV, G. A. Clinic of Gen. Surgery, Arkhangel'sk Medical Institute
"Complications in Operating on the Sympathetic Nerve in the Lumbar Section"
Voprosy Neyrokhirurgii, Vol. 12, No. 1, 1948

PA 150T47

USSR/Medicine - Edema

Sep 49

The [unclear] of Shipwreck Survivors,
Orlov, Arkangel'sk, 9 Ppi

"Kliruvaniye" No 9

Effect of damp cold on shipwrecked people, unlike that of "dry frost," a long-lasting. Pathological processes result from combination of dampness and cold after several hours. Pains in the bottom of their feet kept on cold water. Swelling in the bottom of their feet turned blue or reddish purple and developed swelling of connective tissue and deeper musculature. There seems to be little difference in the effect of

150T47

USSR/Medicine - Edema (Contd)

Sep 49

salt or fresh water. Describes various stages of pathological changes and suggests treatment for each stage.

ORLOV, G. A.

150T47

31027. CHAY, G. ...

Otkhlazhdenie v vode («Vlazhnaya konechnost'»). Khirurgiya, 1978,
No. 9, s. 17-21

33290 ORIOV, G. A.

K topografii regii subinguinalis. Sbornik trudov (Arkhang. gos. med. in-t),
vyp. 9, 1949, s. 96-101. - Bibliogr: 11 nazv-

ORLOV, G. A.

KANTSJER, M. M., ~~ORLOV, G. A.~~

Contemporary laboratory diagnostic methods of virus influenza.
Sovet med. No. 11, Nov. 50. p. 20-2

GLML 20, 3, March 1951

ORLOV
ORLOFF, GA ORLOV, G.A.
(Article 1815)

The symmetry of the lumbar sympathetic trunk and the importance of its crossed connections for unilateral sympathectomy Vop. Neurokhir. 1951 3 (55-59) Illus. 2

On the basis of anatomical studies certain changes of autonomic functions on the contralateral half of the body after unilateral sympathectomy are investigated and explained by abolition of extraspinal commissural sympathetic connections.

Happner - Graz

Source: EXCERPTA MEDICA Vol. 5 No. 5 Section VIII May 1952

ORLOV, G.A., professor (Arkhangel'sk).

Roentgenologic picture of changes in monarthritia ("chinga") of fingers.
Vest. rent. i rad. no. 3:40-45 My-Je '53. (MLHA 6:8)

(Joints--Diseases)

ORLOV, G.A., professor (Arkhangel'sk).

Surgical treatment of habitual shoulder dislocation by formation of intra-articular ligament. *Khirurgiiia* no.5:67-70 My '53. (MLBA 6:7)
(Shoulder joint--Dislocation)

KONDRAT'YEV, G.I.; STUPNIKOV, S.Ya. / YELIZAROVSKIY, S.I., professor, zaveduyushchiy;
ORLOV, G.A., professor, direktor.

Topographo-anatomical relationship of the aorta and the pleura. Khirurgiia
no.6:39-44 Je '53. (MLRA 6:8)

1. Kafedra topograficheskoy anatomii i operativnoy khirurgii Arkhangel'-
skogo meditsinskogo instituta (for Yelizarovskiy). 2. Klinika obshchey
khirurgii Arkhangel'skogo meditsinskogo instituta (for Orlov).
(Aorta) (Pleura)

ORLOV, G.A.

ORLOV, G.A., professor (Arkhangel'sk)

Topographic changes of organs of the posterior mediastinum if left
thoracotomy. Khirurgia no.11:30-35 N '54. (MLRA 9:3)

(THORAX, surgery,

thoracotomy, mediastinal topographic changes in)

(MEDIASTINUM, anatomy and histology,

topographic changes in thoracotomy)

ORLOV, G.A., professor; BAFYGINA, N.I.

Significance of internal connections of the marginal sympathetic stem in lumbar sympathectomy. Vop. neurokhir. 18 no.5:3-10 S-O '54.

(MIRA 7:11)

1. Iz kliniki obshchey khirurgii Arkhangel'skogo meditsinskogo instituta.

(SYMPATHECTOMY,

lumbar, in endarteritis obliterans)

(ENDARTERITIS OBLITERANS, surgery,
sympathectomy, lumbar)

ORLOV, G.A., professor (Arkhangel'sk)

Diseases of the fingers and hand of workers in the fishing
industry. Sov. med. 18 no.10:24-27 0 '54. (MIRA 7:11)

(OCCUPATIONAL DISEASES,
hand dis. in fishermen)
(HAND, diseases,
occup. in fishermen)

022207
EXCERPTA MEDICA Sec.14 Vol.11/11 Radiology Nov 57.

1991. ORLOV G. A. *An indirect roentgenological sign of the operability of cancer of the oesophagus (Russian text) VOP. ONKOL. 1956, 2/1 (91-95) illus. 5

Estimation of the degree of mobility of the oesophagus above the aortic arch and below the level of the root of the lung may be based on comparison of the roentgenograms taken in the frontal plane before and after instituting a leftsided pneumothorax. If the tumour has penetrated into the surrounding organs and tissues, displacement of the oesophagus does not take place even with tense pneumothorax.

Dikho - Kranojarsk (IX, 5, 14, 16).

ORLOV, G.A.

"Sovetskoe meditsinskoe referativnoe obozrenie", section "Mikro-
biologiya, infektsionnye bolezni, epidemiologiya"; nos. 12,13,
1953, and 14,15,16, 1954. Reviewed by G.A.Orlov. Zhur.mikrobiol.
epid. i immun. 27 no.4:117-118 Ap '56. (MLRA 9:7)
(MEDICINE--PERIODICALS)

EXCERPTA MEDICA Sec.9 Vol.12/4 February 1958

1977. (562) 'MOIST EXTREMITY'. A DISEASE OF THE LOWER EXTREMITY,
OCCURRING AFTER REPEATED COOLING IN WATER (Russian text) -
Orlov G. A. - KHIRURGIJA 1957, 6 (91-96)

The syndrome of 'moist extremity' develops as a result of cooling in water. It is different to frost-bite, which is due to the action of 'dry' cold. There are several stages in the course of this disease. At the period of exposure to cold and moisture, in reactive and prereactive stages, inflammation and anoxia of the tissues develops, which are due to disturbed innervation and vascularization. Later, vegetative neu-

1977

ritis and endovasculitis of extremities develop. The disease developed after repeated cooling in water in 34 patients who were examined in the clinic. They were the water transport workers from the north fishers and floatage workers; in all of them it was connected with conditions of work. The early symptoms of 'moist extremity' in this group of patients were not pronounced. Certain prophylactic measures are suggested. Among them organization and mechanization of work, establishment of warm premises for drying, professional selection of suitable workers and periodical medical examinations.

(IX, 17*)

USSR / Human and Animal Morphology (Normal and Pathological). Digestive System.

S

Abs Jour : Ref Zhur - Biologiya, No 4, 1959, No. 16886

Author : Yelizarovskiy, S. I.; Orlov, G. A.
Inst : Arkhangelsk Medical Institute
Title : Anatomical Notes in Connection with Surgeries of the Stomach

Orig Pub : Sb. tr. Arkhang. med. in-ta, 1957, vyp 15, 74-81

Abstract : In the investigation of 140 cadavers (85 males and 55 females) the presence of various correlations between the pyloric part of the stomach (S) and bursa omentalis minor was determined. The right border of the omentum sac was located more to the right (up to 3 cm) of the pyloric sphincter

Card 1/3

USSR / Human and Animal Morphology (Normal and Pathological). Digestive System

S

Abs Jour : Ref Zhur - Biologiya, No 4, 1959, No. 16886

in only 58 cases. In these cases, the first part of the duodenum is covered with peritoneum in the front as well as in the back. In 32 cases, the transition fold of the peritoneum followed from S to the pancreas, corresponding to the pyloric sphincter. In 13 cases, this fold was located to the left of the S sphincter. In 103 cases the right border of the bursa of lesser omentum was located almost vertically; in the other 37, at an angle in the direction from top right to bottom left. As a result, the extraperitoneal area at the small or more frequently at the large S curvature was

Card 2/3

... . USSR / Human and Animal Morphology (Normal and Pathological). Digestive System.

S

Abs Jour : Ref Zhur - Biologiya, No 4, 1959, No. 16886

displaced 2-2.2 cm to the left of the pyloric sphincter. -- Ye. V. Ryzhkov

Card 3/3

13

ORLOV, G.A., prof. (Arkhangel'sk)

Review of V.I. Struchkov's "Surgery in chronic suppurative diseases
of the lungs." Vest.khir. 83 no.11:129-131 N '59. (MIRA 13:4)
(LUNGS--SURGERY) (STRUCHKOV, V.I.)

ORLOV, G. A. - Mosca (U.R.S.S.)

"Insufficienza arteriosa dei piedi in seguito a raffreddamento in acqua."

report submitted for the 12th Biennial International Congress of Surgery, Rome,
15-18 May 1960.

ORLOV, G. A., (Prof.) -- Archangel

"Obliterating Endarteritis and the Significance of Environmental
Factors in Development of the Disease."

Report submitted for the 27th Congress of Surgeons of the USSR, Moscow,
23-28 May 1960.

ORLOV, G. A.

Intraosseous anaesthesia during plastic operations of the hand and fingers. Acta chir. plast. 2 no.1:59-63 '60.

1. Medical Institute, Archangelsk (USSR), Director: Prof. G. A. Orlov.

(PROCAINE anesthesia & analgesia)
(LIDOCAINE anesthesia & analgesia)
(HAND surg.)
(SKIN TRANSPIANTATION)

ORLOV, G.A., prof.

"Clinical laboratory diagnosis" by A.IA. Al'tgauzen. Reviewed by
G.A. Orlov. Sov. med. 24 no. 7:152-153 J1 '60. (MIRA 13:8)
(DIAGNOSIS) (AL'TGAUZEN, A.IA.)

ORLOV, G.A., professor

Some structural characteristics of the left auricular appendix.
Vest.khir. no.6:31-35 '61. (MIRA 15:1)

1. Iz kliniki obshchey khirurgii (zav. - prof. G.A. Orlov)
Arkhangel'skogo meditsinskogo instituta.
(HEART)

ORLOV, G.A., prof.; TYUKINA, A.P., kand.med.nauk

Important issue of the problem of man's acclimatization in the
North. *Biul. uch. med. sov.* 2 no.5:21-24 S-O '61. (MIRA 14:11)
(COLD--PHYSIOLOGICAL EFFECT) (ACCLIMATIZATION)

ORLOV, G.A.

Structure and mechanism of the bicuspid valve of the heart. Grad.
khir. 3 no.6:26-31 N-D '61. (MIRA 15:3)

1. Iz kliniki obshchey khirurgii Arkhangel'skogo meditsinskogo
instituta.

(MITRAL VALVE)

ORLOV, G.A., prof.

Specific monoarthritis of the fingers (chinga) in marine-hunters
in the Maritime Territory. Khirurgiia 37 no.3:49-54 Mr '61.
(MIRA 14:3)

1. Iz kafedry obshchey khirurgii (sav. - prof. G.A. Orlov)
Arkhangel'skogo meditsinskogo instituta.
(MARITIME TERRITORY—ARTHRITIS)

ORLOV, G.A. (Arkhangel'sk nab.Stalina,d.93.kv.'9)

Characteristics of compensation of functional disturbances
of the stomach and small intestine following resection of
the esophagus. Elek.i tepl.tiaga 6 no.4:66-71 Ap '62. (MIRA 15:3)
(ESOPHAGUS—SURGERY)

(STOMACH)

(INTESTINES)

ZO TUN [Zo Htun], d-r; ORLOV, G.A, prof.

Amebic liver abscesses. Khirurgiia 38 no.10:68-71 0 '62.
(MIRA 15:12)

1. Iz Shanskogo grazhdanskogo gospitalya, Birmanskiy Soyuz.
(LIVER—ABSCISS) (AMEBIASIS)

ORLOV, GEORGIY A.

"The Restoration of a Shoulder Joint in Habitual Dislocations
and Injuries."

Report submitted at the 3rd International Congress of Plastic
Surgery, Washington, DC, 13-18 Oct 63.

ORLOV, G.A., prof.

Concerning the organizing of laboratory work in sanitary epidemiological stations. Zdrav. Ros. Feder. 7 no. 11:41-42 N°63.
(MIRA 16:11)

ORLOV, G.A., prof. (Arkhangel'sk, naberezhnaya imeni Lenina, 1.70, kv. 10)

Treatment of elephantiasis in wucheroliasis. Vest. Kait. n. n. 1973
121-122 0 1973. (MIA 1973)

1. In gospi'talya Sao-San-Tun (glavnyy vrach - SAO NAV SAN, Bisma)

ORLOV, G.A. (Moskva)

Types of laboratory analysis permissible for midwives of collective farm maternity homes and feldsher-midwife centers. Fel'd. i akush. no.10:50-54 O '54. (MLRA 7:11)

(MIDWIVES,

types of laboratory analysis permissible for midwives)

(CHEMICAL ANALYSIS,

types of laboratory analysis permissible for midwives)

EXCERPTA MEDICA Sec 7 Vol 13/2 Pediatrics Sec 59

605. THE PROBLEM OF TOXOPLASMOSIS - EIGHTH INTERNATIONAL CONGRESS OF PEDIATRICS (Russian text) - Orlov G. A. and Zasukhin D. N. - SOV. MED. 1957, 2(139-142)

The main problems discussed were: (1) Congenital toxoplasmosis. (2) Acquired toxoplasmosis. (3) Ophthalmic toxoplasmosis. (4) Epidemiology of the disease. (5) Chemotherapy of the disease. (6) Laboratory diagnosis of toxoplasmosis. Among 271 cases of congenital toxoplasmosis 88.7% showed ocular manifestations (choroiditis), 66.8% neurological symptoms, 56.8% calcifications in the brain, and 38% hydrocephalus. A positive Sabin-Feldman reaction at a titre not lower than 1:64 is diagnostic of congenital toxoplasmosis. Changes in the locomotor function of children are very characteristic. Acquired toxoplasmosis may manifest itself in the following forms: lymphatic, eczematous, cerebrospinal and ocular.

(S)

USSR / Zooparasitology. Parasitic Protozoa.

G-1

Abs Jour : Ref Zhur - Biol., No 8, 1958, No 33904

Author : Khaletskiy, A.M., Zasukhin, D. N., Orlov, G. A., Emelyan-
chik, E. K., Fedoseeva, E. V.

Inst : Not given

Title : Data on Toxoplasmosis. The Problem of Toxoplasmosis in
the Psychoneurologic Clinic. -- Materialy k izucheniyu toksoplas-
mozna. Problema toksoplazma v psikhonevrologicheskoy
klinike.

Orig Pub : Zh. nevropatol. i psikhologii, 1957, No. 3, 360-369

Abstract : Clinical and serological examinations were conducted on 63
patients in the psychiatric hospital, among them 43 with
suspected congenital or acquired toxoplasmosis and 20 with
various diseases (schizophrenia, epilepsy, rheumatic ence-
phalitis, etc.). In the first group the number of positive

Card 1/2

ORLOV, G.A., professor; ZASUKHIN, D.N., doktor biologicheskikh nauk (Moskva)

The problem of toxoplasmosis discussed at the Eighth International
Congress of Pediatricians. Sov.med. 21 no.2:139-142 P '57.

(TOXOPLASMOSIS)

(MLRA 10:6)

ORLOV, G.A., doktor meditsinskikh nauk

Modern status of the effective use of antibiotics [with summary
in English]. Akush. i gin. 33 no.3:3-8 My-Je '57. (MLRA 10:8)

1. Iz Instituta akusherstva i ginekologii (dir. L.G.Stepanov)
Ministerstva zdavookhraneniya RSFSR
(ANTIBIOTICS, ther. use
rational use (Rus))

ORLOV, G.A.

Report on papers on laboratory methods given at the All-Union
Congress of Obstetricians and Gynecologists. Lab. Med. 1958:
56-57 S-0 158 (MIRA 11:11)
(MEDICAL LABORATORIES)
(DIAGNOSIS)

ORLOV, G. A.

Some forms of infection of the fetus [with summary in English].
Akush. i gin. 34 no.3:43-49 My-Je '58. (MIRA 11:6)

1. Iz Nauchno-issledovatel'skogo instituta akusherstva i ginekologii
(dir. - dotsent L.G.Stepanov) Ministerstva zdravookhraneniya RSFSR
(ANORMALITIES, etiol. & pathogenesis,
fetal infect. (Rus))
(FETUS, diseases,
infect. (Rus))