

ALIYEV, V.S.; AZIZOV, A.F.; KASIMOVA, A.P.; KYAZIMOV, Sh.K.

Contact catalytic conversion of ethyl alcohol into bivinyl
in a fluidized bed of powdered catalyst in a continuous plant.
Azerb. khim.zhur. no.4:33-44 '59. (MIRA 14:9)
(Ethyl alcohol) (Butadiene) (Catalysis)

ALIYEV, V.S.; KASIMOVA, A.P.; KYAZIMOV, Sh.K.

Studying and developing techniques for the dehydrogenation of n-butane into butylenes in a fluidized bed of finely divided chromia-alumina catalyst (to be concluded). Azerb. neft. khoz. 38 no.7:36-38 JI '59.

(Butane) (Butelene) (Propene)

(MIRA 13:2)

ALIYEV, V.S.; KASIMOVA, A.P.; KYAZIMOV, Sh.K.

Studying and developing techniques for the dehydrogenation of
n-butane into butylenes in a fluidized bed of finely divided
chromia-alumina catalyst (conclusion). Azerb. neft. khoz. 38
no.8:37-40 Ag '59. (MIRA 13:2)

(Butane) (Butene) (Propene)

ALIYEV, V.S.; ALIYEV, Z.E.; KASIMOVA, A.P.; KYAZIMOV, Sh.K.; MURAVCHIK, M.Ye.

Effect of the temperature and the time catalyst-gas vapors remain
in the settling zone of the reactor on the yield of the desired
product in dehydrogenation of n-butane. Azerb. nef. khoz. 40
no.10:33-34 0 '61. (MIRA 15:3)
(Butane) (Dehydrogenation)

ALIYEV, V.S.; AZIMOVA, D.A.; KASIMOVA, N.P.; KYAZIMOV, Sh.K.

Obtaining low-molecular organic acids by direct oxidation of propylene in the fluidized bed of vanadium-molybdenum catalyst. Azerb. neft. khoz. 41 no. 12:33-35 D '62. (MIRA 16:7)

(Acids, Organic) (Propene) (Oxidation)

GAMIDOVA, A.; KULIYEV, A.M., akademik, red.; GUSEYNOV, M.M., red.;
KYAZIMOV, R.A., red.

[IU G.Mamedaliev, 1905-1961; a bibliography] IU.G.Mamedaliev
1905 - 1961; bibliografiia. Baku, Izd-vo Akad. nauk Azerbaid-
zhanskoi SSR, 1965. 87 p. (MIRA 18:12)

1. Akademiya nauk Azerbaydzhanskoy SSR, Baku. Fundamental'naya
biblioteka.

1 10874-66 EWT(m)/EWP(j)/T RPL WH/RM

ACC NR: AP5025865

SOURCE CODE: UR/0020/65/164/004/0826/0827

AUTHOR: Seidov, N. M.; Dalin, M. A. (Academician AN AzerbSSR); Kyazimov, S. M.

ORG: None

TITLE: Preparation of an ethylene-butylene elastomer in a liquid butylene medium

SOURCE: AN SSSR. Doklady, v. 164, no. 4, 1965, 826-827

TOPIC TAGS: elastomer, ethylene, butene, copolymer

ABSTRACT: Ethylene was copolymerized with 1-butene in the presence of the catalyst system $VCl_4 + (iso-C_4H_9)_2AlCl$ (a 5-7% solution in benzene) in an autoclave. As the ethylene content in the liquid phase rose, the reaction rate and yield of copolymers increased, and as the temperature was raised, the yield and molecular weight of the copolymer decreased. By determining the content of ethylene and butylene in the copolymer chain by IR spectra, it was possible to establish the relationship between the copolymer composition and the ratio of ethylene to butylene in the liquid phase. As the butylene content increased, the crystallinity of the copolymer diminished. From the copolymers obtained, rubber mixtures were prepared which were vulcanized with dicumyl peroxide. The higher the butylene content of the copolymers, the easier they were to mill and mix with the ingredients. A copolymer vulcanizate containing 33.5 mole % butylene in the copolymer chain was found to have very good physicomachanical properties. Orig. art. has: 4 figures and 2 tables.

SUB CODE: 07 / SUBM DATE: 15Jan65 / ORIG REF: 002 / OTH REF: 007

Card 1/1

KYAZIMOV, Yakub Rza ogly; KARASIK, Grigoriy Yesel'yevich; SKIDRZA, M.,
redaktor; AL'TMAN, T.B., tekhnicheskiy redaktor

[Experience in drilling extradeep offshore wells] Iz opyta bureniia
sverkhglubokikh skvazhin v more. Baku, Azerbaidzhanskoe gos. izd-vo
neftianoi i nauchno-tekhn. lit-ry, 1955. 45 p. (MLRA 9:9)
(Oil well drilling, Submarine)

PROTASOV, G.N., kand.tekhn.nauk; KARPENKO, M.M., kand.tekhn.nauk;
KHAZIMOV, Ya.R., inzh.

Some data on exploratory well drilling and stage sinking of wells
in complex geological locations. Trudy ANII DN no.5:69-77 '57;
(MIRA 12:4)

(Boring)

KYAZIMOV, Ya. ^{R.} inzh.

Reliable drilling method. Neftianik 5 no.10:7-9 0 '60.

(Karadag region--Oil well drilling) (MIRA 13:10)

FOMICHEV, P.M.; KYAZIMOV, Ya.R.

Drilling costs in Azerbaijan. Azerb. neft. khoz. 39 no.6:46-48
Je '60. (MIRA 13:10)

(Azerbaijan--Oil well drilling--Costs)

KARAYEV, S.K.; KYAZIMOV, Ya.R., red.; RASHEVSKAYA, T.A., red. izd-va;
TOROSYAN, R., tekhn. red.

[Improving equipment for drilling deep exploratory wells] So-
vershenstvovanie tekhnologii bureniia glubokikh razvedochnykh
skvazhin. Baku, Azerbaidzhenskoe gos. izd-vo, 1961. 131 p.
(MIRA 15:12)

(Azerbaijan--Boring)

KYAZIMOVA, A. A. Cand Med Sci -- (diss) "Virus of chicken sarcoma in the
organism of ^{non} susceptible animals." Mos, 1958. 13 pp (Acad Med Sci USSR.
Inst of Epidemiology and Microbiology im Honored Academician N. F. Gamaley),
200 copies (KL, 14-58, 117)

-110-

GASANOV, T.G.; KYAZIMOVA, A.A.

Current concepts on the etiology of leukemias. Azerb. med. zhur. no.11:
11-16 N '61. (MIA 15:2)

1. Iz Azerbaydzhanskogo nauchno-issledovatel'skogo instituta epidemiologii,
mikrobiologii i gigiyeny.
(LEUKEMIA)

MEDZHIDOV, B.F.; KYAZIMOVA, A.A.; GADZHIYEVA, Z.G.; NADZHAFOVA, F.K.

Epidemiological and virological characteristics of influenza in
the Azerbaijanian S.S.R.. Zhur.mikrobiol.epid.i immun. 33 no.5:
124 My '62. (MIRA 15:8)

1. Iz Azerbaydzhanskogo instituta epidemiologii i mikrobiologii.
(AZERBAIJAN--INFLUENZA)

ASHIMOV, M.A.; ISMAILZADE, I.G.; KYAZIMOVA, Kh.B.; KADZHAR, A.Sh.
GASANOV, R.G.; MURSALOVA, M.A.

Composition and structure of alkyl aromatic hydrocarbons
obtained in the course of the production of azolyat A.
Azerb. khim. zhur. no.1:111-115 '64. (MIRA 17:5)

L 00003-67 INT(m)/INT(t)/INT JJP(c) JD/WD

ACC NR: AP6011840

(A)

SOURCE CODE: UR/0249/65/021/006/0041/0017

AUTHOR: Negroyev, V. F. ; Kyazimov, A. M.; Kyazimova, N. N. 30

ORG: Institute of Chemistry (Institut khimii)

TITLE: Steel corrosion inhibitors in hydrochloric acid

SOURCE: AN AzorbSSR. Doklady, v. 21, no. 6, 1965, 14-17

TOPIC TAGS: steel, corrosion resistance, corrosion protection, hydrochloric acid,
CORROSION INHIBITOR, FURFURAL

ABSTRACT: The inhibiting effect of furfurolimine (furfural aldimine) on the corrosion of St.3 steel was investigated in 5, 10, 15, and 20% solutions of HCl at temperatures $\approx 80^{\circ}\text{C}$. The tests for 5 hours in 5% HCl at 28°C showed that the corrosion rate decreased sharply with the addition of increased amounts of furfurolimine inhibitor and reached 97% protective effect with the addition of 12 g/l of inhibitor. Furfurolimine was an effective inhibitor at all HCl concentrations. The corrosion rate of steel sharply decreased with the addition of small amounts of inhibitor ($\sim 1\%$). A higher concentration of inhibitor, especially in weak acid solutions, did not bring about a further decrease in corrosion rate and the protective effect of inhibitor remained constant after reaching an initial maximum. An increase in temperature of the 5, 10, and 15% HCl solutions from 30 to 80°C increased the protective effect of the inhibitor, whereas a small decrease in the protective effect of the inhibitor was observed in a 20% HCl

Card 1/2

L 08663-67

ACC NR: AP6011840

0
solution at temperatures $>60^{\circ}\text{C}$. The corrosion rate of St.3 steel solution without inhibitor and cathodic protection was $50.4 \text{ g/m}^2/\text{hr}$. The addition of 0.4 g/l of furfurolimine decreased the corrosion rate to $7.31 \text{ g/m}^2/\text{hr}$ without cathodic protection. The combination of furfurolimine inhibitor with cathodic protection increased the protective effect of the inhibitor (even at an ineffective concentration of it) from a corrosion rate of 7.3 to $0.25 \text{ g/m}^2/\text{hr}$ (i.e. 30 times greater in the presence of cathodic protection, with a density of the polarizing current of 50 milliamp/cm^2). The inhibiting effect of furfurolimine was related to the deceleration of electrode reactions occurring on the surface of the steel. Orig. art. has: 3 fig. and 2 tables.

SUB CODE: 11/ SUBM DATE: 06Jul64/ ORIG REF: 006.

Cord 2/2

L 4276-66 EWT(m)/EFF(c)/EWP(t)/EWP(b) JD/WB

ACCESSION NR: AP5024483

UR/0316/65/000/003/0107/0111

AUTHOR: Negreyev, V. F.; Kyazimov, A. M.; Kyazimova, N. N.
44,55 *44,55* *44,55*

TITLE: Sulfonic acids as inhibitors of acid corrosion of steel
44,55 *18*

SOURCE: Azerbaydzhanskiy khimicheskiy zhurnal, no. 3, 1965, 107-111

TOPIC TAGS: sulfonic acid, corrosion inhibitor, St-3 steel, hydrochloric acid, corrosion rate

ABSTRACT: The article discusses the results of a study of the corrosion of St-3 steel in hydrochloric acid and the inhibiting effect of sulfanol (sodium salt of a sulfo compound of alkylbenzene). The corrosion is studied as a function of acid concentration, temperature, test period, and concentration of additions of sulfanol and the corresponding free sulfonic acid. The electrochemical mechanism of corrosion inhibition was also investigated. At all HCl concentrations, the inhibitor decreases the corrosion rate. A small (ineffective) concentration of the sulfonic acid inhibitor combined with cathodic protection was found to decrease the steel corrosion markedly in 20% HCl. The results indicate that the combination of inhibitors with electrochemical protection is very promising in combating acid corrosion. Orig. art. has: 4 figures and 2 tables.

Card 1/2

46
43
B

L 4276-66

ACCESSION NR: AP5024483

ASSOCIATION: Institut khimii AN Azerb. SSR (Institute of Chemistry, AN Azerb. SSR)

SUBMITTED: 18Apr64

ENCL: 00

SUB CODE: G-C, MM

NO REF SOV: 008

OTHER: 001

Card 2/2 DP

NEGREYEV, V.F.; KYAZIMOV, A.M.; KYAZIMOVA, N.N.

Steel corrosion inhibitors in hydrochloric acid. Dokl. AN
Azərbay. SSR 21 no.6:14-17 '65.

(MIRA 18:12)

1. Institut khimii AN AzSSR.

S/081/62/000/023/054/120
B124/B101

AUTHORS: Mamedov, M. I., Khanlarova, A. G., Kyazimova, N. N.

TITLE: Protection of measuring instruments against corrosion by marine atmosphere with the aid of the volatile inhibitor NDA

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 23, 1962, 411, abstract 231335 (Azerb. neft. kh-vo, no. 4, 1962, 43-45)

TEXT: The protective action of NDA (dicyclohexylammonium nitrate) on the corrosion of steel 3 in marine atmosphere was studied. It has been established that NDA effectively protects steel in marine atmosphere with 90-95% relative humidity. The distance between the NDA source and the surface to be protected should be ≤ 25 cm. The life of timekeeping instruments in marine atmosphere is nearly doubled, when the NDA content is 0.14 g/l air. [Abstracter's note: Complete translation.]

Card 1/1

L 52119-65 EPT(o)/BWT(m)/BWP(b)/EWA(d)/BWP(t) JD/WB

ACCESSION NR: AP5015361

UR/0286/65/000/009/0111/011

621.794.5

AUTHOR: Negreyev, V. F.; Kyazimov, A. M.-ogly; Kyazimova, N. N.-kyzy

TITLE: A method for protecting steel from corrosion in hydrochloric acid solutions.
Class 48, No. 170816

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 9, 1965, 111

TOPIC TAGS: hydrochloric acid, steel corrosion, corrosion protection

ABSTRACT: This Author's Certificate introduces a method for protecting steel from corrosion in hydrochloric acid solutions by adding an inhibitor. A wider selection of inhibiting additives is provided by adding a hydrochloric acid extract of green oil to the solution.

ASSOCIATION: none

SUBMITTED: 28Dec53

ENCL: 00

SUB CODE: MM GC

NO REF SOV: 000

OTHER: 000

Card 1/1 mb

YEDIGARYAN, A.G.; KYAZUMOVA, S.A.; FEL'DMAN, Ye.D.

Method of a formal description of a language (based on material
for a mathematical text). NTI no.12:44-45 '63.

(MIRA 17:6)

KYAZIMOVA, T. G.

"Acclimatization of Tree and Bush Varieties in the Eastern Part of the Kura-Araksinskaya Depression and Utilization of Them in Landscaping Cities, Villages, or Shelter Belts." Cand Biol Sci, Inst of Botany imeni V. L. Komarov, Acad Sci Azerbaydzhah SSR, 30 Nov 54. (BR, 20 Nov 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (11)

SO: Sum. No. 521, 2 Jun 55

KYAZIMOVA, T.G.

Some data on the behavior of ornamental trees and shrubs on saline soils in the eastern part of the Kura-Aras lowland.
Trudy Inst.bot.AN Azerb.SSR 21:37-44 '59. (MIRA 13:3)
(Kura-Aras Lowland--Plants, Effect of salts on)
(Trees) (Shrubs)

KYAZIMOVA, T.G., kand.biologicheskikh nauk, Baku.

Wax plant. Priroda no.6:106 Je '60. (MIRA 13:6)
(House plants)

KYAZIMOVA, T.G., kand.biol.nauk

Caspian lotus. Priroda 49 no.10:92 0 '60.

(MIRA 13:10)

1. Institut botaniki AN AzerSSR, Baku.
(Lotus)

METELKIN, A.F.; KARPOVA, K.A., inzhener; LUR'YE, L.S., kandidat tekhnicheskikh nauk; BAKHIMOV, G.R., dotsent, kandidat tekhnicheskikh nauk; KYAZIM-ZADE, Z.I., dotsent, kandidat tekhnicheskikh nauk.

Remarks on the textbook on theoretical electric engineering for higher schools. Elektrichestvo no.12:70-72 D '53. (MIRA 6:11)

1. Ivanovskiy energeticheskiy institut im. Lenina (for Metelkin and Karpova).
 2. Vsesoyuznyy nauchno-issledovatel'skiy institut elektrifikatsii sel'skogo khozyaystva (for Lur'ye).
 3. Sredneaziatskiy politekhnicheskiy institut (for Bakhimov).
 4. Azerbaydzhanskiy industrial'nyy institut im. Azisbekova (for Kyazim-Zade).
- (Electric engineering--Textbooks)

KYAZIM-ZADE, S. I.

Dissertation: "Theoretical Fundamentals of Electrical Engineering." Dr Tech Sci,
Azerbaydzhan Industrial Inst imeni M. Azizbekov, 6 May 54. (Vakinskiy Rabochiy, Baku,
27 Apr 54)

SO: SUM 243, 19 Oct 1954

SALAMZADE, M.M.; KYAZIMZADE, Z.I.

Terminology in electrical engineering [in Russian and Azerbaijani].
Trudy Azerb. ind. inst. no.18:161-169 '57. (MIRA 11:7)
(Electrical engineering--Terminology)

YEL'YASHEVICH, Z.B., prof.; KULIYEV, I.A., kand.tekhn.nauk; KYAZIM-ZADE, Z.I.,
kand.tekhn.nauk, dots.

Three-phase networks with nonsymmetrically distributed parameters.
Izv. vys. ucheb. zav.; energ. 3 no.11:21-27 N '60. (MIRA 13:12)

1. Azerbaydzhanskly institut nefti i khimii imeni M.Azizbekova.
Predstavlena kafedroy obshchey i teoreticheskoy elektrotekhniki.
(Electric power distribution)

KYAZIM-ZADE, Z.I.; KULIYEV, I.A.

Balancing a nonuniformly loaded triphase network in oil
fields. Azerb. neft. khoz. 39 no.12:42-44. D '60. (MIRA 14:9)
(Electric networks)

KYAZIMZADE, Z. I.

Doc Tech Sci - (diss) "General and theoretical electrical engineering. Paper based on published works presented in defense of the application for the academic degree of doc tech sci." Baku, 1961. 59 pp; (Joint Council of the Azerbaydzhan Inst of Petroleum and Chemistry imeni M. Azizbekov and the Institutes and Establishments Academy of Sciences Azer SSR for the Awarding of Academic Degrees in Energetics and Automatization of Production Processes); 250 copies; free; list of author's works on pp 53-59 (22 entries); (KL, 10-61 sup, 212)

KYAZIMZADE, Z.I.; KULIYEV, I.A.

Determination of current distribution in a system of grounding
electrodes in a uniform and isotropic medium. Azerb. neft. khoz.
40 no.6:43-45 Je '61. (MIRA 14:8)

(Electric power distribution)
(Oil fields--Production methods)

KYAZIMZADE, Z.I., doktor tekhn.nauk

Some remarks concerning a course in "Theoretical principles of electrical engineering." Elektrichestvo no.4:87-88 Ap '64.
(MIRA 17:4)

1. Azerbaydzhanskiy institut nefti i khimii imeni Azizbekova.

AZIMOV, B.A.; ALIZADE, A.A.; ASLANOV, R.K.; GUSEYNOV, F.G.; DZHUVARLY, Ch.M.;
YEL'YASHEVICH, Z.B.; KADYMOV, Ya.B.; KULIZADE, K.N.; KYAZIMZADE, Z.I.;
MAMIKONYANTS, L.G.; PETROV, I.I.; RUSTAMZADE, P.B.; SPIRIN, A.A.;
SYROMYATNIKOV, I.A.; ESIBYAN, M.A.; EFENDIZADE, A.A.

Professor Boris Maksimovich Pliushch, 1904- ; on his 60th birthday.
Elektrichestvo no.1:91-92 Ja '65. (MIRA 18:7)

I 11547-66 EWT(d)/EWP(k)/EWP(1) //

ACC NR: AP6005029

SOURCE CODE: UR/0105/65/000/001/0091/0092

AUTHOR: Azimov, R. A.; Alizade, A. A.; Aslanov, R. K.; Guseynov, F. G.;
Dzhuvarly, Ch. M.; Yel'yashevich, Z. B.; Kadymov, Ya. B.; Kulizade, K. N.;
~~Kvazimzade, Z. I.~~; Mamikonyants, L. G.; Petrov, I. I.; Rustamzade, P. B.;
Spirin, A. A.; Syromyatnikov, I. A.; Esibyan, M. A.; Efendizade, A. A.

ORG: none

TITLE: Professor Boris Maksimovich Plyushch

SOURCE: Elektrichestvo, no. 1, 1965, 91-92

TOPIC TAGS: electric engineering, electric engineering personnel, petroleum engineering personnel, petroleum engineering

ABSTRACT: Brief biography of subject, a doctor of technical sciences and head of Department of Electric Power and Automation in Industry at the Azineftekhim (Azerbaydzhane Petrochemical Institute), on the occasion of his 60th birthday in October 1964. Graduating from Azerbaydzhane Polytechnical Institute imeni Azizbekov, subject worked in Caspian shipping industry and later headed the designing division at the Azerbaydzhane department of Elektroprom. With Azineftekhim since 1927, starting as laboratory assistant; department head since its formation in 1938; deputy dean of power engineering division in 1943-45. One of top Soviet experts on the electric power supply and electrical equipment of the petroleum industry, he has trained many engineers and scientists for this field and is the author of over 60 published works and inventions. Widely known are his works on

Card 1/2

UDC: 621.313.1/:3

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L 11547-66

ACC NR: AP6005029

determining power losses in drilling. He was the first to investigate the problem of selecting the most suitable power characteristics with due consideration for wave-like torque distribution along the drilling string. He did research on the automatic regulation of drill feed, critical roller-bit speeds, self-starting electrical pumps, etc. A party member since 1945, subject has been awarded the Order of the Red Banner of Labor. Orig. art. has: 1 figure. [JPRS]

SUB CODE: 09, 13 / SUBM DATE: none

HW
Card 2/2

KYBAL, J

The amount and distribution of alkaloids in the sclerotium of *Claviceps purpurea*. Z. Blazek, J. Boswart, P. Horak, and J. Kybal (Inst. Med. Plant Invest., Prague). *Pharmazie* 8: 332-8 (1953).—Larger (heavier) sclerotia have higher alkaloid content than smaller: this is explained as resulting from the different nutrition both qualitatively and quantitatively of the host plant. The external dark pigmented layers of the sclerotia are richer in alkaloids than the internal white layers of plectenchyma. There is apparently also a higher content of alkaloids in the basal part of the sclerotium than in the apical. The small apical caps (remains of sporangia stage), sometimes present, contain practically no alkaloid. The leucosclerotia (whitish sclerotia) have a lower alkaloid content than the normal dark colored.

G. M. Hocking

KYBAL, J.; BREJCHA, V.; HORAK, P.

Relation between contents of alkaloids and pigments in
sclerotia of *Claviceps purpurea* tul. *Cesk. farm.* 4 no.4:
190-191 May 55.

1. Z Vyskumneho ustavu lecivych rostlin, Praha.

(ERGOT ALKALOIDS

relation between contents of alkaloids and
pigments in sclerotia *Claviceps purpurea* tul.)

(PIGMENTS

in sclerotia *Claviceps purpurea* tul, relation to
alkaloid contents)

KYBAL, Jan; VAVROUSKOVA-ZADINOVA, Kamila; technicky spolupracovala
Marie Zahalkova.

Rye as a basic substrate in cultivation of *Claviceps purpurea*;
active component of inoculated substance in field cultivation
of ergot. Cesk. biol. 4 no.9:556-559 Oct 55.

1. Vyzkumny ustav lecivych rostlin, Praha.
(ERGOT ALKALOIDS,
Claviceps purpurea, field cultivation)

Kybal J

Med The problem of races and strains of ergot, *Claviceps purpurea*. J. Kybal and V. Brejcha (Research Inst. Med. Plants, Prague). *Pharmazie* 10, 752-5(1955).-- In a com-
 prepn. of ergot it is desirable to obtain pure races in which the sclerotia would contain good quantities of certain desired alkaloids. ("Race" is the term proposed to be applied to a taxonomic unit showing a standard content of certain fixed alkaloids in definite proportions when the sclerotium is vegetatively reproduced.) Success was attained in seps. 5 such races from rye ergot rich in the alkaloids noted: (1) ergotamine (I); (2) ergocristine (II) and ergocristine (III); (3) II, III, and ergocryptine (IV); (4) I, II, III; (5) I, II, III, and IV. All sclerotia examd. contained ergonovine and ergosine. The purity of the races isolated was proven by inoculating rye with their cultures, the sclerotia produced having the same compn. Rye sorts and genomic factors were much less important than race of ergot. Total yields of alkaloids is a completely different problem, probably depending on the strain ~~with~~ the race of ergot, some strains yielding more than others. A method was developed of propagating the ergot by using a single conidium, whereby uniform and homogeneous growth and product may be obtained. Further work is being carried on combining this method of propagation with selection of high-yielding sclerotia.
 G. M. Hocking

KYBAL J.

CZECHOSLOVAKIA/Cultivated Plants, Medicinal Plants. Essential Oil M
Plants. Toxic Plants

Abs Jour : Ref Zhur - Biol., No 8, 1958, No 34847

Author : Kybal J., Horak P., Novacek M., Kudrnac S.

Inst : "

Title : On the Problem of Appraising the Qualities of Wild-Growing
Herbaceous Ergot

Orig Pub : Ceskosl. farmac., 1957, 6, No 5, 265-268

Abstract : The work was undertaken for the purpose of studying the poten-
tials of the ergot *Claviceps purpurea* Tul., developing the
species on wild-growing herbaceous plants, and selecting its
most active breeds; 32 samples of ergot, gathered from various
districts of Czechoslovakia and Moravia from wild- growing
plants in the fall of 1954 served as test material. A short
geo-botanical description of the samples is given. Described
are chemical methods for sclerotic research to ascertain
the presence of alkaloids. Determination is made of the
gross content of alkaloids, its fluctuations in different

Card : 1/2

MNOGOLET, N.I. [translator]; KYCHAKOVA, G.V. [translator]; FEL'DMAN, O.I.,
redaktor; IOVLEVA, N.A., tekhnicheskiy redaktor

[The crisis in U.S. agriculture and the condition of the farmer;
a collection of articles. Translated from the English] Krizis
sel'skogo khoziaistva SShA i polozhenie farmerov; sbornik materialov.
Perevod N.I.Mnogolet i G.V.Kychakovoi. Moskva, Izd-vo inostranoi
lit-ry, 1955. 209 p. (MLRA 9:9)
(United States--Agriculture)

ILLGEN, Konrad; KYCHAKOVA, G.V.[translator]; KHALETSKAYA, S.A.
[translator]

[Friendship in action; the Soviet Union's economic aid
to socialistic states and economically underdeveloped
countries] Druzha v deistvii; ekonomicheskaja pomoshch'
Sovetskogo Soiuza sotsialisticheskim gosudarstvam i
ekonomicheski slaborazvitym stranam. Moskva, Izd-vo
inostr. lit-ry, 1962. 267 p. (MIRA 16:12)
(Economic assistance, Russian)

FREDERICS, Karen; KYCHAKOVA, G.V. [translator]; SOGOMONYAN, G.S., redaktor;
BOGDANOV, V.P., tekhnicheskii redaktor; SHAPOVALOV, V.I., tekhnicheskii
redaktor

[Agriculture in the U.S.A. under the yoke of monopoly. Translated
from the German] Sel'skoe khoziaistvo SShA pod gnetom monopolii.
Perevod s nemetskogo G.V.Kychakovoi. Moskva, Izd-vo inostranoi
lit-ry, 1956. 286 p. (MIRA 9:8)
(United States--Agriculture)

KYCHAKOVA, L. M.

USSR/Engineering - Metallurgy

FD-813

Card 1/1 : Pub. 41 - 5/17

Author : Academ Bochvar, A. A., Sviderskaya, Z. A., and Kychakova, L. M.

Title : The effect of impurities on heat resistance of aluminum

Periodical : Izv. AN SSSR, Otd. tekhn. nauk 2, 46-51, Feb 1954

Abstract : Investigates effect of iron and silicon on heat resistance of aluminum, using the indentation-hardness method. Concludes that in many cases aluminum with high Fe-content may be used for making heat-resistant alloys. Tables, diagrams, photomicrographs.

Institution : --

Submitted : February 11, 1954

Evaluation B-81745, 17 Jun 55

KYCHANOV, B.I., mladshiy nauchnyy sotrudnik

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1. Institut ekonomiki Sibirskogo otdeleniya AN SSSR.

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report submitted for 7th Intl Cong, Anthropological & Ethnological Sciences,
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RYBIN, S.F., otv. red.; STOROZHNEV, N.A., red.; KIRISOV, A.G., red.;
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KYCHER, T.I.

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KHARITONCHIK, Ye.M., prof.; KYCHEV, V.N., inzh.

Investigating a hydropneumatic starter for tractor diesel engines.
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1. Chelyabinskiy institut mekhanizatsii i elektrifikatsii sel'skogo khozyaystva.

(Tractors—Starting devices)
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SUTORY, Karel, MUDr.; KYCHLER, Ludek; HORAK, Josef; DOUBKOVA, Dagmar.

Evaluation of the test with Lugol solution. Vnitřní lek. 11
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WOJNEROWICZ, Czeslaw; KYCLER, Zdislaw; LUKOMSKI, Edmund

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1. Wojewodzki Osrodek Onkologiczny w Poznaniu Dyrektor: Dr med.
- S. Skowronski Kierownik Oddzialu Chirurgicznego: dr med. Cz Wojnerowicz.
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KYDREV, T.G.; SALCHEVA, G.

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1. Tsentral'nyy nauchno-issledovatel'skiy institut zemledeliya,
Sofiya. (Grain)

KYDREV, T.G.

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1. Plant Growing Institute, Bulgarian Academy of Sciences, Sofia.
(Wheat) (Germination) (Dormancy (Plants))

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Relation between changes induced by droughts and the infection of plants with *Puccinia triticina* Erikss. *Fisiol. rast.* 7 no.6:709-714 '60.
(MIRA 14:1)

1. Institute of Plant Growing, Bulgarian Academy of Sciences, Sofia.
(Leaf rust of wheat)
(Plants, Effect of aridity on)

KYDREV, T.G.; KOLEV, V.M.

Thermal treatment of dry wheat seeds and its effect on plants.
Fiziol.rast. 8 no.5:576-581 '61. (MIRA 14:10)

1. Plant Breeding Institute of Bulgarian Academy of Sciences,
Sofiya.

(Plants, Effect of heat on) (Seeds)

KYDREV, T.G.; TYANKOVA, L.A.

Possibility of restoring some distured processes in wheat plants
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(MIRA 15:9)

1. Plant Growing Institute, Bulgaria Academy of Sciences, Sofia.
(PLANTS, EFFECT OF ARIDITY ON) (GROWTH--PROMOTING SUBSTANCES)

USSR/ Engineering - Vane-type pump

Card : 1/1

Authors : Kydrevich, G. V., Engineer,

Title : Modernization of a vane-type pump

Periodical : Vest. Mash., 34, Ed. 6, 33, June 1954

Abstract : A description is given of two improved vane-type pumps known as the NK16 S16-1 and the NK45 S16-1, made by the "Kransyy Proletariy" (Red Proletarian) Factory. These pumps differ from the old types in the dimensions of their vanes and the diameter of the drum. Data of their coefficient of useful action are given. Drawings; table.

Institution : ...

Submitted : ...

Subject : USSR/Electricity AID P - 3220
Card 1/1 Pub. 29 - 5/30
Author : Kydryashov, S. A., Eng.
Title : Comments about the article by A. Ya. Lides "On the necessity of revising 'Safety Rules of Operating Electrical Installations of Urban and Rural Networks'". (This journal, No. 12, 1954)
Periodical : Energetik, 8, 6-7, Ag 1955
Abstract : The author presents his objections to certain of A. Ya. Lides' proposals concerning the "Safety Rules", in particular those concerning the rights of the workers. As proposed by A. Ya. Lides, they coincide with paragraph 1033 of the "Rules of Technical Operation" (PTE). In a note the editors write that the Ministry of Electric Power Stations intends to revise all the existing safety rules.
Institution : None
Submitted : No date

Kydygarina, N.A.

Med Pharmacological properties of dimedrol. *N. B. Vysnysky, E. N. Guseva, G. S. Korova, N. A. Kylyayeva, and M. F. Runova. Farmakol. i Toksikol. 19, No. 1, 21-4 (1956).* Dimedrol in moderate doses in mice, rabbits, and guinea pigs inhibits motor functions slightly but is not narcotic. In toxic doses (60-120 mg./kg., mice and guinea pigs), daily for 5-8 days, there was no sign of acclimatization. Daily doses of 10 mg./kg. for 58 days had no harmful effects (per os, mice and rats). Other effects include antihistaminic and antianaphylactic action; transitory hypotensive action and effects on cardiac rhythm (but no change in the peaks of electrocardiograms); moderate analgesic effect in rats and local anesthesia in rabbits and frogs; and accelerated respiration (rats). Dimedrol is not against a.e. passed through the brain. It does not impair the peripheral blood picture after prolonged parenteral dosage (10 mg./kg., mice). *Julian P. Smith*

KYDRYNSKA-MICHALOWSKA, Maria

Evaluation of the wood of the Douglas fir grown in the Zywiec
Beskids as saw timber. Sylwan 106 no.3:41-54 '62.

1. Zaklad Badan Lesnych, Polska Akademia Nauk, Krakow.

DRUZHININ, I.G., *otv. red.*; BATYRCHAYEV, I.Ye., *red.*; BLESHTINSKIY,
S.V., *red.*; KONOPEL'KO, K.G., *red.*; KYDYNOV, M., *red.*;
SULAYMANKULOV, K., *red.*; FOMENKO, V.L., *red. izd-va*;
POPOVA, M.G., *tekh. red.*

[Materials from the Conference Devoted to the Centennial of
the Birth of Academician N.S. Kurnakov] Sbornik materialov
Konferentsii, posvyashchennoi 100-letiiu so dnia rozhdeniia
akademika N.S. Kurnakova. Frunze, Izd-vo AN Kirgiz.SSR, 1963.
175 p. (MIRA 16:7)

1. Konferentsiya, posvyashchennaya 100-letiyu so dnia rozhde-
niya akademika N.S. Kurnakova.

(Kurnakov, Nikolay Semenovich, 1860-1941)

(Chemistry, Physical and theoretical)

DRUZHININ, I.G., akademik; KYDYNOV, M.; LOMTEVA, S.A.

Ternary compound consisting of lithium, sodium, and ammonium sulfates. Dokl. AN SSSR 157 no.4:910-912 Ag '64
(MIRA 17:8)

1. Institut neorganicheskoy i fizicheskoy khimii AN KirgSSR.
2. AN KirgSSR (for Druzhinin).

KIDYNOV, M.

KYDYNOV, M. --"The Polytherm of Solubility of a System Containing Calcium and Sodium Sulfates and Water and Glauberite Rock from Tyan'-Shan'." Acad Sci Kirgiz SSR. Inst of Chemistry. Frunze, 1956
(Dissertation for the Degree of Candidate in Chemical Sciences).

SO: Knizhnaya Letopis', No 9, 1956

KYDYNOV, M.; DRUZHININ, I.G.

Solubility of the system of calcium and sodium sulfates at
0, 20, 40, 60, and 80° C and the Tien Shan glauberite rocks.
Izv. AN Kir.SSR no.4:89-117 '57. (MIRA 10:7)
(Tien Shan--Glauberite) (Crystallization)

KYDINOV, M.K.

Polythermal diagrams of a ternary system of calcium and sodium sulfates and water. Uch. zap. Kir. zhen. ped. inst. no. 4:59-70 '59. (MIRA 14:1)

(Calcium sulfate) (Sodium sulfate)

DRUZHININ, I.G.; KYDYNOV, M.

Tertiary system of ceric sulfates, calcium sulfates and water
at 25 °C. Izv. AN Kir. SSR. Ser. est. i tekhn. nauk 2 no.11:
21-26 '60. (MIRA 14:10)
(Cerium sulfate) (Calcium sulfate)

DRUZHININ, I.G.; KYDYNOV, M.; LOMTEVA, S.A.

Physicochemical characteristics of the Alabug-Naryn salt bed.
Zhur. prikl. khim. 36 no.11:2408-2413 N '63.

(MIRA 17:1)

KYDYNOV, M.; PETROVA, M.I.

Equilibrium in aqueous solutions of lithium and calcium
sulfates at 25°. Zhur.prikl.khim. 38 no.11:2590-2591 N
'65. (MIRA 18:12)

1. Submitted September 23, 1963.

KYDYNOV, M.; PETROVA, M.I.

Quaternary system consisting of the sulfates of lithium
potassium calcium and water at 25°. Zhur. prikl. khim.
38 no. 10:2339-2341 0 '65. (MIRA 18:12)

1. Submitted Sept. 23, 1963.

KYDYRALIYEV, A.

Translation from: Referativnyy zhurnal, Geografiya, 1957, Nr 6, p 122 (USSR) 14-57-6-12594

AUTHORS: Tyurin, P. S., Kydyraliyev, A., Tsagarayev, F. T.

TITLE: Results of Acclimatizing Muskrats (Ondatra zibethica L.) to Kirghiz SSR /Rezul'taty akklimatizatsii ondatry (Ondatra zibethica L.) v Kirgizskoy SSR/

PERIODICAL: V sb: Akklimatiz. pushnykh zverey v Kirgizii, Frunze, 1956, pp 19-48

ABSTRACT: In the autumn of 1944, 136 muskrats were released in the eastern part of Lake Issyk-Kul' and 117 in Chernoye Lake, in the Tyup region. . From 1946 to 1954, 2255 of them were trapped and transferred to lakes in the Issyk-Kul', Frunze, Tyan-Shan, Osh, and Dzhalaal Abad regions (a list is included). The area occupied by the muskrats increased approximately 10 km per year. Making their way along streams and brooks, they entered

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14-57-6-12594

Results of Acclimatizing Muskrats (Cont.)

the mountains; where they settled in swampy sections. In the upper Turgen' River, a colony of them was discovered 2700 m above sea level. Winter freezing and the formation of multistage ice layers rendered many high mountain swampy areas unsuitable for muskrat habitation. Mountain streams and high mountain lakes without hydrophylic vegetation are likewise unsuitable. Muskrats thrive best in spring-fed lakes east of Lake Issyk-Kul', small steppe brooks, ponds and streams in the Chuya valley. When lakes have steep sides of soft soil, the animals live in burrows; when lakes are shallow, with low banks and abundant vegetation, they live in small houses. The homes they have built in the swamps and lakes of the Issyk-Kul' depression are a combination of hut and burrow. Muskrat runs begin when the ice melts in the lakes. These animals breed two or three times a year. The first mating is in April or May, the second in June. Five young ones comprise an average litter. The muskrat's basic food during the year consists of various parts of rush, Laksmann reeds, and cane; in summer it also eats rushes, floating, pectine, and
Card 2/3

Results of Acclimatizing Muskrats (Cont.)

14-57-6-12594

curling pond-weeds, mulberry, and yarrow. Commercial utilization of the muskrat began in 1947. By 1954 the animal produced 36 percent of all fur acquired in Kirghiz. Some 66 percent of the muskrat skins came from Frunze region, and 31 percent from Issyk-Kul' region.

L. Dinesman

KYDYRALIYEV, A.

YANUSHEVICH, A.I.; KYDYRALIYEV, A.

Mammals and birds of the Pokrovka mountain pastures. Trudy Inst.zool.
i paraz.AN Kir.SSR no.5:37-46 '56. (MIRA 10:5)
(Pokrovka District--Vertebrates)

KYDYRALIYEV, A.

Nesting of birds in central Tien Shan. Trudy Inst. zool. i
paraz. AN Kir. SSR no.6:85-95 '57. (MIRA 11:3)
(Tien Shan--Birds--Eggs and nests)

YANUSHEVICH, A.I.; TYURIN, P.S.; YAKOVLEVA, I.D.; KYDYRALIYEV, A.;
SEMENOVA, N.I.; IVANOV, A.I., prof., otv.red.; DEMENT'YEV,
G.P., prof., red.; ANOKHINA, M.G., tekhn.red.

[Birds of Kirghizistan] Ptitsy Kirgizii. Frunze, Izd-vo
Akad.nauk Kirgizskoi SSR. Vol.1. 1959. 227 p. (MIRA 12:12)
(Kirghizistan--Birds)

KYDYRALIYEV, A.

Reproduction of the redstart *Phoenicurus erythrogaster grandis*
Gould in the central Tien Shan. *Ornitologia* no.2:209-213 '59.
(Tien Shan--Redstart) (Birds--Eggs and nests) (MIRA 14:7)

YANUSHEVICH, A.I.; TYURIN, P.S.; YAKOVLEVA, I.D.; KYDYRALIYEV, A.;
SEMEHOVA, N.I.; IVANOV, A.I., prof., otv.red.; YANUSHEVICH,
A.I., otv.red.; VOZHEYKO, I.V., red.izd-vs; ANOKHINA, M.G.,
tekh.red.

[Birds of Kirghizistan] Ptitsy Kirgizii. Frunze, Izd-vo Akad.
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(MIRA 13:12)

(Kirghizistan--Birds)

KYDYRALIYEV, A. |

Birds in the alpine regions of the Tien Shan. Izv. AN Kir. SSR.
Ser. biol. nauk 3 no.1:5-17 '61. (MIRA 14:12)
(TIEN SHAN-_BIRDS)

KYDYRALIYEV, A.

Birds of the mountain lakes Son-Kul' and Chatyr-Kul'. Izv.
AN Kir. SSR. Ser. biol. nauk 4 no.1:59-81 '62.
(MIRA 15:10)

(Son-Kul, Lake--Birds)
(Chatyr-Kul', Lake--Birds)

KYDYRALIYEV, A.

Biology of the Himalayan accentor (*Prunella himalayana* Blyth.) in
the Tien Shan. *Ornitologia* no.7:200-202 '65.

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KYDYRBAYEV, Kh.

Reproduction of the yellow suslik (*Citellus fulvus* Licht) at the eastern limits of its range. Trudy Inst.zool.AN Kazakh SSR 10: 56-86 '59. (MIRA 12:7)

(Dzhambul'skiy District--Susliks)

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KYDYRBAYEV, Kh.

Age characteristics of the yellow suslik (*Citellus fulvus oxianus*
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(Kazakhstan--Suslike)

(MIRA 13:?)

KYDYRBAYEV, Kh.; AFANAS'YEV, Yu.G.

Some factors limiting the number of the yellow suslik *Citellus fulvus* in the eastern part of its range. Trudy Inst. zool. AN Kazakh. SSR 17: 201-205 '62.

Distribution of the vole *Microtus socialis* Pall. Trudy Inst. zool. AN Kazakh. SSR 17:241-242 '62. (MIRA 17:2)

STRAUTMAN, Ye.I., kand.biologicheskikh nauk; KYDYRBAYEV, Kh., kand.-
biologicheskikh nauk

All-Union conference on mammals. Vest. AN Kazakh. SSR 18
no.7:77-78 JI '62. (MIRA 15:7)
(Mammals—Congresses)

ISMAGILOV, M.I.; KYDYRBAYEV, Kh.K.

Effect of the cultivation of virgin lands on the distribution and abundance of bobac and the activity of this rodent in grain fields. Trudy Inst. zool. AN Kazakh SSR 20:145-152 '63. (MIRA 17:2)

ISMAGILOV, M.I.; KYDYRBAYEV, Kh.K.

Distribution and abundance of rodents in districts of cultivated
virgin land of central Kazakhstan. Trudy Inst. zool. AN Kazakh,
SSR. 23:135-149 '64. (MIRA 17:11)

DISTANOV, G.K.; KYDYRMYSHEV, E.

Solubility isotherm in the system cobalt chloride - urea - water
at 20°. Zhur.neorg.khim. 7 no.4:885-888 Ap '62. (MIRA 15:4)
(Cobalt chlorides) (Urea) (Solubility)

KYDYRGV, Sh.A.

Origin of Lake Karasu and Lake Kapkatash. Izv. AN Kir. SSR.
Ser. est. i tekhn. nauk 3 no.4:105-112 '61. (MIRA 14:12)
(Karasu region--Geology)
(Kapkatash region--Geology)

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KYFAREVA O.

Duodenal function in man. I. Motor and secretory function of the duodenum and their relation in healthy subjects Klinitcheskaya Meditsina, Moscow 1948, 26/7 (45-56) Graphs 3

Morphologically, duodenum differs from other parts of the intestine by its structure, innervation and its intimate connection with liver and pancreas. Embryologically, it belongs to the part of intestine from the epithelium of which these organs were formed. They may be referred to under the name of 'hepato-pancreato-duodenal system.'

Leporsky and his co-workers have shown that duodenum secretes and undergoes periodic contractions in man, during starvation. In Russia, much work has been done by various physiologists on the coordination of different parts of the alimentary tract. It performs not only digestive functions, but also certain other work when the tract is empty. But the function of the duodenum as an entity is separate from the small intestine.

Thirty-five healthy subjects were investigated, 30 men and 5 women; 41 were under 30 years of age. The fractional test meal was normal in every case. A special tube is used for obtaining duodenal juice and it has an attachment for recording the movements. As soon as the tube was introduced, a clear golden yellow juice was secreted and the drum recorded intestinal contractions. In other cases, the duodenum was found in a state of rest and no contractions were observed, and no juice was secreted. About 10-15 minutes later, the lever was seen to rise and fall, characteristic of the contractions of the intestine and at the same time, or a few minutes later, duodenal juice appeared in the tube. At first, the duodenal contractions are single or in small groups of two to five, with an interval of two to five minutes. Then they become more frequent, and towards the end of an hour they begin to show a regular rhythm, about 11 waves to a minute. This rhythmical contraction lasts about five minutes and stops abruptly. The duodenum then passes into a prolonged state of rest. During to first phase of irregular contraction a polymorphism is found as regards

The amount of secretion per minute is 0.5-2 ccm. The period of rest is 15-40 minutes, an average of 23.8 minutes.

No definite relation could be established between the motor and secretory function. Also the quality of the duodenal juice had no relation to strength of contraction. The ratio between the period of work and the period of rest is 2.7 : 1. The same ratio in dogs is 1 : 3-4. Therefore experiments on dogs should not be taken as indicative of the same work done in man.

Physiologically, it has not been established which function starts first, contractions or secretion. According to Boldireff, the secretory activity, being the more important component of the duodenal activity, starts first, but this is disputed by Babkin. But in all the above experiments the contractions started first in most cases when the two component parts did not start together. The secretion may also stop before the contractions, or may be absent altogether. There were a few cases where the duodenum was in a state of motor activity for four to five hours, but the following day a definite periodicity was noticed. All this is very controversial and no definite law of periodicity can be established. This shows that the two functions react differently to the same stimuli. All the internal organs, including the digestive, depend on a very complex coordination between the higher centres, the neuro-humoral regulation and their own autonomic nervous system.

The disturbance of periodic function of the duodenum is most often observed in men with various digestive diseases.

Guercken - (B.M.A.)

SO: Section II Vol. 1² No. 7-12

KYGYSHEV, I. L.

"Investigation of the Effect of Forced Vibrations of the Screen
on the Uniformity of the Distribution of Fibers in the Sheet of
Paper." Cand Tech Sci, Leningrad Polytechnic Inst, Leningrad, 1954.
(RZhKhim, No 18, Sep 54)

SO: Sum 432, 29 Mar 55

KYJAWSKI, B.

POL/HD/Acoustics - Elektroacoustics and Technical Acoustics J-6

Obs Jour : Ref Zhur - Fizika, No 4, 1959, No 9130

author : Kyjowski Boleslaw

Inst : "

Title : Tape Recorder Regulator for Sound Reproduction Time

Orig Pub : Kinotechnik (Polska), 1958, 11, No 123, 2504-2507

Abstract : No abstract

Card : 1/1

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KYJO, J.

The handling of lumber from the point of view of transportation. p. 210. (SBORNIK RADA
LESNICTVI. Praha) (Vol. 30, no. 3, Mar. 1957)

SO: Monthly List of East European Accession (EEAL) LC, Vol. 6, No. 7, July 1957. Uncl.