NAZAROV, V.V.

Pressure in the central retinal artery in certain general diseases. (MIRA 14:1)
Vest. oft. 73 no. 1:34-35 Ja-F '60.
(RETINA—BLOOD SUPPLY)

NAZAROV, Valentin Valentinovich, kand. med. nauk; DUBOV, Nikolay Sergeyevich; SHCHUKIN, Gavriil Pavlovich [Shchukin, H.P.]; SHUPIK, Aleksandr Lukich [Shupyk, O.L.]; KRAMAREVSKIY, V.O.[Kramarevs'kyi, V.O.], red.

[Virus diseases of the human conjuctiva] Virusni zakhvoriuvannia kon'iunktyvy ochei liudyny. Kyiv, Zdorov'ia, 196[illegible]. 44 p. (MIRA 19:1)

SAUSHEV, V.S.; NAZAROV, V.V.

Fire hazards of acetaldehyde oxidation in the production of acetic acid. Khim. prom. no.4:69-72 '65. (MIRA 19:1)

NAZAROV, [illegible]

Nazarov, [illegible] "[illegible] diam [illegible] reaction [illegible] reaction," [illegible]ion] -- [illegible] Nazar[illegible] Issue [illegible] -20

So: [illegible]-3[illegible], 1 [illegible]

1. NAZAROV, V. V.

2. USSR (600)

4. Earthwork

7. Simplified method of calculating the stability of earth slopes. Gidr. stroi. 21 no. 11: 1952

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

NAZAROV, V.V. (Novosibirsk)

Simplified methods for calculating the settlement of foundations.
Osn., fund.i mekh.grun. 2 no.3:23-24 '60. (MIRA 13:?)
(Foundations)

86-11-29/31

AUTHOR: None given

TITLE: To Be Published ... (Vykhodyat iz pechati ...)

PERIODICAL: Vestnik Vozdushnogo Flota, 1957, Nr 11, p. 90 (USSR)

ABSTRACT: It is announced that in the near future the following books will be published by the Military Publishing House of the Ministry of Defense of USSR:

1. Some Problems on the Theory of Automatic Aircraft Control (Nekotoryye voprosy teorii avtomaticheskogo upravleniya samoleta) by V. P. Dmitriyev;
2. The Fundamentals of the Theory of Aircraft Turbojet Engines (Osnovy teorii aviatsionnykh turboreaktivnykh dvigateley) by M. I. Vlasenko;
3. The Treatment and Storage of Aircraft Armament (Obrabotka i konservatsiya aviatsionnogo vooruzheniya) by O. V. Artemenko, V. V. Nazarov, F.D. Pilipenko, under the editorship of G. I. Krotov, Engr Lt Col.

AVAILABLE: Library of Congress

Card 1/1

AUTHORS: Nazarov, V.V., Candidate of Economical Sciences, Cherenkov, V.V.

TITLE: On the Scientific Production of Chairs of Political Economy (O nauchnoy produktsii kafedr politicheskoy ekonomii)

PERIODICAL: Vestnik vysshey shkoly, 19[illegible], Nr 7, pp 35-41 (USSR)

ABSTRACT: The authors review various Soviet articles on political economy printed in periodicals. They find that an analysis of articles published by different vuzes exposes shortcomings in the scientific research work of the different chairs.
There are 11 Soviet references.

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22(1) SOV/3-5 -4-1 4.

AUTHORS: Bobkov, K.I., and Nazarov, V.V., Candidates of Economic Sciences

TITLE: To Develop Research in the Field of Political Economy

PERIODICAL: Vestnik vysshey shkoly, 1959, Nr 4, pp 41-4 (USSR)

ABSTRACT: Economic sciences as one of the factors of fast development of Socialist economy will assume increased importance within the 7-Year Plan. Workers of the Chairs of Political Economy will have to take an active part in creating fundamental works generalizing the regularities of economic development processes and of the practice of building of socialism. The author quotes a number of examples confirming the successful scientific activity of the Chairs and individual instructors of political economy. However, the author considers that in a great number of vuzes the scientific work does not as yet conform to the increased demands of both the present and the future. In this connection he deals with the problem of increasing the scientific qualification of instructors, pointing out that only very few instructors are preparing theses

Card 1/4

On Develop Research in the Field of Political Economy

for a Doctor's degree. In Kazan', e.g., where there are 11 higher educational institutions, including such as the University and the Finansovo-ekonomicheskiy institut (Finance-Economic Institute), not a single instructor of political economy is working on a thesis for a doctor's degree. In Kuybyshev, having 7 vuzes including the Planovyy institut (Planning institute), which turns out economists for various branches of national economy, only one thesis is being prepared. Moreover, the themes of the dissertations often bear a much too general character. The author cites this themes originating from students of the Kievskiy meditsinskiy institut (Kiev Medical Institute), Leningradskiy pedagogicheskiy institut (Leningrad Pedagogical Institute) and the Saratovskiy sel'skokhozyaystvennyy institut (Saratov Agricultural Institute). Speaking of the dissertations on this themes, the author mentions Docent V.M. [illegible] of the Leningrad University and Instructor I.K. Aleksandrov of the Partiynaya shkola (Party School), who worked on the same theme. In this connection the author states a number of problems of Soviet

Card 2/4

To Develop Research in the Field of Political Economy

econimics, whose development becomes particularly urgent. A mere enumeration of the problems confronting the Soviet economists shows the broad prospects of research work which are open before the chairs of political economy. The author emphasizes the necessity to improve the scientific work of the Chairs and to intensify the supervision on the part of the vuz directors and the Upravleniye prepodavaniya obshchestvennykh nauk (Administration for Teaching Social Sciences). Referring to the remuneration paid by the publishing offices, the author is at a loss to understand why only work which is not provided for by the plan is being paid, while work carried out in accordance with individual plans is not being paid for. He suggests that work performed according to the 5-year plan over and above the established minimum be paid. In this connection reference is made to the scientific work of the Institut ekonomiki AN SSSR (Institute of Economics AN USSR). Dealing with the theses for Doctors' degrees that are being prepared in the Leningrad vuzes this year, the author cites Docent M.D. Kolesov of Leningrad University, Docent I.I.

Card 3/4

To Develop Research in the Field of Political Economy

Denisenko of the Leningradskiy tekstil'nyy institut (Leningrad Textile Institute), Docent B.I. Kudryavtsev of the Leningradskiy institut inzhenerov zheleznodorozhnogo transporta (Leningrad Institute of RR Engineers). The author further mentions the Permskiy universitet (Perm' University), Leningradskiy mekhanicheskiy institut (Leningrad Mechanical Institute), Saratovskiy universitet (Saratov University), Ural'skiy universitet (Ural University), Professor V.A. Tsapenko of Moscow University, Professor A.F. Yakovlev of the Moskovskiy gosudarstvennyy ekonomicheskiy institut (Moscow State Institute of Economics), Doctor of Economic Sciences M.V. [illegible] of the Moskovskiy finansovyy institut (Moscow Finance Institute), Professor N.K. Karatayev of the Institute of Economics AS USSR, and Rostov University.

Card 4/4

NAZAROV, V.V.; ALFEROVA, Z.V.; KOZHNOV, V.S., dots., kand. ekon. nauk, retsenzent; KYAZANKIN, V.N., prof., kand. tekhn. nauk, red.

[Programming economic problems on electronic computers; from practices in using the "Era" computer in the I.A. Likhachev Automobile Plant] Programmirovanie ekonomicheskikh zadach na elektronno-vychislitel'nykh mashinakh; iz opyta ekspluatatsii mashiny "Era" na avtozavode im. I.A.Likhachova. Moskva, Mashinostroenie, 1965. 156 P. (MIRA 18:6)

DONSKOY, G.V.; NAZAROV, V.V.; VERESHCHAGINA, V.Ya., red.

[Methodological instructions on writing term papers and tests in economics] Metodicheskie ukazaniia dlia napisaniia kursovykh i kontrol'nykh rabot po politicheskoi ekonomii. Moskva, Vysshaia shkola, 1965. 29 p.
(MIRA 18:7)

NAZAROV, V.Ya.

Multiple machining and adoption of new productions. Mashinostroitel' no.1:16-18 Ja '64. (MIRA 17:2)

ACC NR: AT7001504 SOURCE CODE: UR/0000/66/000/000/0484/0494

AUTHOR: Lade, B. F.; Nazarov, V. Ye.

ORG: None

TITLE: Modern fish searching apparatus and technical developmental prospects in the USSR

SOURCE: Nauchno-tekhnicheskaya konferentsiya po razvitiyu flota rybnoy promyshlennosti stran-chlenov SEV. 2d Leningrad, 1964. Rybolovnyy flot (Fishing fleet); sbornik trudov konferentsii, v. 1, Leningrad, Izd-vo Sudostroyeniye, 1965, 484-494

TOPIC TAGS: sonar, sonar equipment, marine equipment, acoustic equipment, detection equipment, recording equipment, electronic equipment, underwater sound equipment, food, fishing ship, research facility

ABSTRACT: The development of hydroacoustic search apparatus for installation in Soviet fishing vessels is discussed. The Okun', Del'fin-1, Sudak, Kal'mar, and Yaz' fish searching fathometers are described and their technical characteristics tabulated. Paltus-M, a modernized version of the Paltus sonar equipment used to locate fish, and now in production in the Soviet Union, is described in detail, and its technical data listed. Soviet efforts to develop the paper used in the recorders supplied with the equipments are discussed, and the ETB-3 electrothermal paper is

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ACC NR: AT7001361

described as having shown itself to have a high degree of sensitivity and contrast when tested in the Polar Institute for the Fishing Industry. Complex automation, and the use of electronic computers to assist in finding fish and in navigation, is contemplated. Orig. art. has: 10 figures and 2 tables.

SUB CODE: 13,06,09,17/SUBM DATE: 15Oct65

Card 2/2

NAZAROV, Ye., nachal'nik svyazi podrazdeleniya; FILIN, M., nachal'nik radiostantsii.

More about unsystematic working methods in serving aerial photographic subdivisions. Grazhd.av.13 no.11:30 N '56. (MLRA 10:2)
(Meteorology in aeronautics)

NAZAROV, Ya.A.

Problem of the circle of stresses. Trudy Len. khim.-farm. inst. no.4:112-114 '58. (MIRA 12:12)
(Strains and stresses)

NAZAROV, Ye.K.

Forces acting on the worm shafts of reductors. Trudy Len. khim. farm. inst. no.14:231-233 '62 (MIRA 17:2)

Friction of the parts of chemical equipment with screw threads. Ibid.:234-238

FRIDANTSEV, M.V., BELIKOVA, E.I., NAZAROV, YE.G.

Production and investigation of refractories on the Fe-Ni-Cr basis.

SPECIAL STEELS AND ALLOYS (SPETSIAL'NYYE STALI I SPLAVY), Collection of Studies, Issue 27, 240 pages, published by the State Scientific and Technical Publishing House for Ferrous and Non-Ferrous Metallurgy, Moscow, USSR, 1962.

BELIKOVA, E.I., kand.tekhn.nauk; NAZAROV, Ye.G., inzh.

Effect of secondary hardening on the structure and properties of the KhN35VTIU alloy. Metal oved. i term. obr. met. no.7:38-42 Jl '62. (MIRA 15:6)

1. TSentral'nyy nauchno-issledovatel'skiy institut chernoy metallurgii.
(Nickel-chromium-iron alloys--Hardening)

FRIDANTSEV, M.V.; BELIKOVA, E.I.; NAZAROV, Ye.G.

Investigation of heat-resistant alloys on an iron-nickel-chromium base. Sbor.trud.TSNIICHM no.27:93-138 '62. (MIRA 15:8)
(Iron-nickel-chromium alloys--Thermal properties)

L 20686-65 EWT(m)/EWA(d)/EWP(t)/FCS(k) MJW/JD
ACCESSION NR: AR5000733 S/0277/64/000/009/0008/0008

SOURCE: Ref. zh. Mashinostroitel'ny*ye materialy* konstruktsii i raschet detaley mashin. Gidroprivod. Otd. vy*p., Abs. 9.48.51

AUTHOR: Belikova, E. I.; Nazarov, Yo. G.; Putimtseva, O. I.

TITLE: Effect of alloying elements on the heat resictance of Fe-Ni-Cr alloys

CITED SOURCE: Sb. Legirovaniye staley. Kiyev, Gostekhizdat USSR, 1963, 115-126

TOPIC TAGS: alloying, iron base alloy, nickel containing alloy, chromium containing alloy, alloy EI786, alloy EI787, alloy EI812

TRANSLATION: A study has been made of the effect of W, Mo, Al, Ti, and B on the hardness, phase composition, microstructure, heat resistance, and industrial properties of alloys based on 15% Cr and 35% Ni, and also the effect of Mn, Si, and C on alloys with the composition (%): 15 Cr, 25 Ni, 3 Ti, 3 W, and 1 Al. Based on results of the investigation, alloys EI786, EI787, and EI812 are

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L 20686-65

ACCESSION NR: AR5000733

suggested. At 750°, alloy EI786 has a long term strength limit of σ_{100} = 28-30 kg/mm^2, while alloys EI787 and EI812 have σ_{100} = 30-38 kg/mm^2 and σ_{10000} = 17-19 kg/mm^2.

SUB CODE: MM ENCL: 00

Card 2/2

L [illegible]106-65 EWT(m)/EWA(d)/T/EWP(t)/EWP(b) Pad IJP(c) [illegible]

ACCESSION NR: AP5002941 S/0129/65/000/001/0016/0018

24
23
B

AUTHOR: Nazarov, Ye. G.

TITLE: Formation of excess phases in the KhN35VTYu alloy

SOURCE: Metallovedeniye i termicheskaya obrabotka metallov, no. 1, 1965, 16-18, bottom half of insert facing p. 24, and insert facing p. 25

TOPIC TAGS: alloy steel, excess phase, intermetallide phase, nickel steel, dispersive solidification/steel KhN35VTYu

ABSTRACT: Dispersive solidification of alloys at certain temperatures and holding [illegible] forms excess phases [illegible] boundaries and in their vicinity. In nickel- [illegible] these phases [illegible] shapes. The present article reports [illegible] study of the KhN35VTYu (EI[illegible]) [illegible] It was found that the excess phase formed in castings [illegible] appearing after heating of the alloy [illegible] temperatures (1200-1300C) is a primary intermetallide phase Ni_3Ti with a [illegible] phase formed in the same alloy [illegible] has the same composition. The primary excess phase [illegible] after heating [illegible] acquires a tabular structure. Heating the alloy to high temperatures (1250-1300C) results in a nonuniform Ti distribution in the grains with the boundary areas being enriched up to [illegible] 1, 2

L 31105-65

ACCESSION NR: AP5002041

[illegible] (while its content in the melt is 3%). A large quantity of the primary eutectic [illegible] is formed at the grain [illegible] tensile strength [illegible] alloys [illegible] [illegible] expansions when quenched [illegible] temperatures can be explained by [illegible] of the grain boundaries [illegible] Yegorshina [illegible] in the [illegible] work. Orig. art. has: [illegible] figures

ASSOCIATION: TsNIIChERMET

SUBMITTED: 00 ENCL: 00 SUB CODE: MM

NO REF SOV: 012 OTHER: 000

Card 2/2

L 12639-63 BDS/EWP(q)/EWT(m) AFFTC/ASD JD/HW-2

ACCESSION NR: AP3001470 S/0133/63/000/005/0453/0458 63

AUTHOR: Pridantsev, M. R.(Dr. of technical sciences, Professor); Nazarov, Ye. G. (Engineer); Belikova, E. I. (Candidate of technical sciences)

TITLE: Structural transformations in Fe-Ni-Cr-Ti alloy EI787

SOURCE: Stal', no. 5, 1963, 453-458

TOPIC TAGS: Fe, Ni, Cr, Ti, Al, alloy EI787, heat treatment, tempering, soaking, hardening, solid solution, plastic deformation

ABSTRACT: The heat resisting alloy EI787 with a chemical composition of up to 0.08% C, up to 0.6% Si, up to 0.6% Mn, 12-16% Cr, 33-37% Ni, 2-4% W, 2.4-3.2% Ti, 0.7-1.5% Al and up to 0.03% B, was studied at TsNIIChM. Experiments included heat treating and tempering in air and water at temperatures up to 1180C and soaking times up to 2000 hours. It is concluded that the process of hardening consists of three phases. 1) The transformation at 500-650C characterized by the increase in electrical resistance of alloy. 2) The development of aging processes at 650-900C; this phase represents a solid solution of Ni, Fe, and Al with the compound Ni_3Ti. 3) The formation of a stable lamellar or acicular phase of the type $(Ni,Fe)_3(Ti,Al)$ at 900-950C. The formation of this phase at 850-800C is possible only after a long

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ACCESSION NR: AP3001470

soaking, but at 950C it separates immediately from the solid solution. The transformation of structure from the second to the third phase is due to the tendency of the metastable phase to pass into a more stable one. The plastic deformation of the alloy and a higher titanium content accelerates the building of the third phase. Orig. art. has: 13 figures and 2 tables.

ASSOCIATION: none

SUBMITTED: 00	DATE ACQ: 10Jun63	ENCL: 02
SUB CODE: 00	NO REF SOV: 004	OTHER: 000

Card 2/2

L 18050-63 EWP(q)/EWT(m)/BDS AFFTC/ASD Pad JD/HW/JG/WB

ACCESSION NR: AP3001691 S/0126/63/015/005/0658/0663

AUTHORS: Nazarov, Ye. G.; Yegorshina, T. V.

TITLE: Kinetics of acicular phase formation in EI787 alloy

SOURCE: Fizika metallov i metallovedeniye, v. 15, no. 5, 1963, 658-663

TOPIC TAGS: acicular phase, EI787 alloy kinetics

ABSTRACT: Changes of the metastable phases into the stable ones in alloy EI787 were investigated. This alloy has a Fe-Ni-Cr base, and hardens because of the metastable phase formation during the aging process. This γ'-phase is of the type $Ni_3(Ti, Al)$ and has a face-centered cubic lattice. Under certain conditions the γ'-phase is transformed into the stable γ''-phase which has an acicular structure, the same crystalline lattice, and a different chemical composition. The formation of these two phases at different temperatures and aging periods has been studied. The acicular phase appeared at 950C after 15-20 hours, at 900C after 75 hours, at 850C after 750 hours, and at 800C after 6 000 hours of aging. The chemical heterogeneity of the alloy speeds up the appearance of the γ''-phase. In a rolled sample it appeared at 950C after 10-16 hours. The cast samples showed small

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L 18050-63
ACCESSION NR: AP3001691

segregations of the acicular phase before they underwent aging. A 10-hour aging at 950C caused a pronounced appearance of the γ''-phase in all interaxial spaces of the thin section. The microstructures obtained are shown in photographs of the thin sections. Orig. art. has: 7 figures.

ASSOCIATION: TsNIIChERMET im. I. P. Bardina, Moskva (TsNIIChERMET Moscow)

SUBMITTED: 01Oct62 DATE ACQ: 11Jul63 ENCL: 00

SUB CODE: ML NO REF SOV: 012 OTHER: 005

Card 2/2

PRIDANTSEV, M.V.; NAZAROV, Ye.G.

Effect of cold, plastic deformation on the properties of the KhN35VTIU alloy. Metalloved. i term. obr. met. no.11:52-53 N '63. (MIRA 16:11)

1. TSentral'nyy nauchno-issledovatel'skiy institut chernoy metallurgii.

NAZAROV, Ye.G.; PRIDANTSEV, M.V.

Transformation characteristics of the intermetallide γ'-phase into the acicular γ'-phase in the KhN35VTIU alloy. Sbor. trud TSNIICHM no.35:24-30 '63. (MIRA 17:2)

L 13063-65 EWT(m)/EWA(d)/EWP(t)/EWP(b) ASD(f)-2/AFMDC/ASD(m)-3 MJW/
JD/MLK

ACCESSION NR: AT4046843 S/0000/64/000/000/0204/0208

AUTHOR: Pridantsev, M. V.; Belikova, E. I.; Nazarov, Ye. G.

TITLE: Phase transformations in the KhN35VTYu (EI-787) alloy

SOURCE: AN SSSR. Nauchnyky sovet po problemé zharoprochnykh splavov. Issledovaniya staley i splavov (Studies on steels and alloys). Moscow, Izd-vo Nauka, 1964, 204-208

TOPIC TAGS: alloy phase transformation, stainless steel, nickel chromium steel, iron alloy, heat resistant steel, steel aging / alloy EI-787, KhN35VTYu steel

ABSTRACT: The heat resistant alloy EI-787, having an Fe-Ni-Cr base, is strengthened during aging (650-830C) by formation of an intermetallic γ' phase of the type $Ni_3(Ti, Al)$. Metallographic analysis shows that in the stressed EI-787 alloy, the needlelike γ'' phase appears after 15-20 hours at 950C, 75 hours at 900C, 750 hours at 850C and 6000 hours at 800C. The activation energy of the $\gamma' \rightarrow \gamma''$ phase transformation is 104-106 kcal./mole. Chemical analysis of anode coatings shows that as the aging temperature increases, the iron content in the γ' phase rises, especially at 830-900C. The results of X-ray analysis coincide with those of chemical analysis of the γ'' phase. This phase contains: 67% Ni, 20% Ti, 9.5% Fe, 2.5% Cr, 1.1% Al and 0.16% W. Increasing the aging temperature leads to separation

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L 13063-65
ACCESSION NR: AT4046843

of larger particles of the γ' phase and then to the appearance of particles of the new γ'' phase. In alloys on a Ni base (EI-437B, EI-445), the appearance of a needlelike η phase with a hexagonal lattice (Ni_3Ti) causes lowering of the plasticity and impact toughness, since the new phase has a lattice differing from that of the solid solution. The tabulated results of tests on alloy EI-787 show that the appearance of the needlelike phase in the coarse grain structure does not lower the plasticity and impact toughness, since the crystal lattice is unchanged. The stress-rupture strength is about 33% lower at 750C, but the time to failure at 750C and 30 kg/mm^2 is 84-369 hours, while the yield point drops slightly. The authors conclude that transformation of the metastable γ' phase into a stable phase in the EI-787 alloy depends on the temperature and duration of heating. Both gamma phases have a similar crystal lattice. The γ'' phase has a needle-laminated structure and contains an increased quantity of iron (about 9%); its chemical composition does not depend on the temperature of formation and duration of heating. Orig. art. has: 4 figures and 1 table.

ASSOCIATION: none

SUBMITTED: 16Jun64 ENCL: 00 SUB CODE: MM

Card 2/2 NO REF SOV: 007 OTHER: 000

L 19042-65 EWT(m)/EWA(d)/EWP(t)/EWP(b) Pad IJP(c)/ASD(m)-3 MJW/JD/HW/JG

ACCESSION NR: AP4047167 S/0133/64/000/010/0922/0925

AUTHOR: Nazarov, Ye. G. (Candidate of technical sciences); Pridantsev, N. V. (Doctor of technical sciences, Professor)

TITLE: Catathermal aging of alloys

SOURCE: Stal', no. 10, 1964, 922-925

TOPIC TAGS: iron nickel chromium alloy, heat resistant alloy, titanium containing alloy, aluminum containing alloy, alloy aging, catathermal aging, EI787 alloy, tungsten containing alloy

ABSTRACT: A new aging procedure is suggested for iron-nickel-chromium-base alloys in which decomposition of the solid solution and precipitation of the strengthening phase proceeds at a higher rate than in nickel-base alloys. In some iron-nickel-chromium-base alloys the strengthening γ'-phase precipitates during air cooling from annealing temperatures. For such alloys, catathermal aging (i.e., aging by cooling offers some advantages over the usual isothermal aging. For instance, the hardness of EI787 alloy (0.08 max C, 14—16% Cr, 33—37% Ni, 2.4—3.2% Ti, 2.8—3.5% Mo, 0.7—1.4% Al, 0.02% max B, balance

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L 19042-65
ACCESSION NR: AP4047167

iron) annealed at 1180C, air cooled to 700C (catathermal aging), and water quenched amounts to 270 H_B. To achieve the same hardness with alloy quenched from 1180C, isothermal aging at 700—750C for 15—18 hr is required. The effect of catathermal aging becomes more pronounced with low annealing temperatures, e.g., 1050C for EI787 alloy and low cooling rates as in furnace cooling. The method appears to be especially effective for large parts (whose cooling rates are rather low even with water quenching) which can be aged immediately after hot plastic deformation. A forged disc 700 mm in diameter and 85 mm thick, air cooled immediately after forging, had high mechanical properties, satisfactory heat resistance, and low notch sensitivity. The disc structure and hardness were uniform throughout the whole volume. Additional isothermal aging at 750C for 16 hr had little or no effect on the amount and composition of the strengthening phase. Orig. art. has: 4 figures.

ASSOCIATION: none

SUBMITTED: 00 ENCL: 00 SUB CODE: MM

NO REF SOV: 008 OTHER: 002 ATD PRESS: 3157

Card 2/2

NAZAROV, Ye.G.

Formation of excess phases in the KhN35VTIU alloy. Metalloved. i term.obr.met. no.1:16-18 Ja '64. (MIRA 18:)

1. TSentral'nyy nauchno-issledovatel'skiy institut Chernoy metallurgii im. I.P.Bardina.

L 59271-65 EWP(k)/EWP(s)/EWA(c)/EWT(m)/EWP(t)/T/EWA(d)/EWP(t) Pf-4/Pad IJP(c)
MJW/JD/HW
ACCESSION NR: AT5016063 UR/2776/65/000/039/0139/0147

AUTHOR: Nazarov, Ye. G.; Pridantsev, M. V. 36 B+1

TITLE: Katathermal aging of KhN35VTYu alloy

SOURCE: Moscow. Tsentral'nyy nauchno-issledovatel'skiy institut chernoy metallurgii. Sbornik trudov, no. 39, 1965. Spetsial'nyye stali i splavy (Special steels and alloys), 139-147

TOPIC TAGS: alloy steel, metal mechanical property, dispersion strengthening, chemical analysis, precipitation hardening, heat treatment, metallographic examination

ABSTRACT: Strengthening effects of cooling after isothermal aging for high Ni KhN35VTYu alloy were studied, along with the effects of hot plastic deformation. A series of heat treatments were used: annealing at 1050 or 1180°C, followed by quenching either in air or water; subsequent reheating at 750°C; and finally combining prior hot plastic deformation with annealing at 1050°C and/or aging at 750°C. Mechanical properties are tabulated for the above treatments, and the results are explained in terms of structural observations made during metallographic examination

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L 59271-65

ACCESSION NR: AT5016063

and after x-ray analysis. In general, air cooling and aging are effective in raising the hardness compared to water quenching, while the use of hot plastic deformation is also effective, especially when combined with aging. Microstructures show the structural effects of some of the above treatments on grain size and precipitate distribution. Equiaxed grains were displayed by samples after hot working and air cooling, while the water quenched samples showed a distribution of grain shapes, along with the appearance of twins. A chemical analysis on the amount of the intermetallic phase present after processing indicated the effectiveness of hot working in stimulating the precipitation process. After air cooling from 1050°C, the amount of γ'-phase was 3.05%, while aging increased this to 5%. X-ray analysis of the γ'-phase indicated that it is fcc $Ni_3(Ti, Al)$. Orig. art. has: 5 figures, 6 tables.

ASSOCIATION: none

SUBMITTED: 00 ENCL: 00 SUB CODE: MM

NO REF SOV: 008 OTHER: 002

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L 59272-65 EWP(k)/EWP(z)/EWA(c)/EWT(m)/EWP(b)/T/EWA(d)/EWP(w)/EWP(t) Pf-4
MJW/JD/HW
ACCESSION NR: AT5016064 UR/2776/65/000/039/0148/0154

38
36
B+1

AUTHOR: Pridantsev, M. V.; Nazarov, Ye. G.

TITLE: Effect of plastic deformation on the properties of KhN35VTYu steel

SOURCE: Moscow. Tsentral'nyy nauchno-issledovatel'skiy institut chernoy metallurgii. Sbornik trudov, no. 39, 1965. Spetsial'nyye stali i splavy (Special steels and alloys), 148-154

TOPIC TAGS: alloy steel, metal mechanical property, heat treatment, cold deformation, metallographic examination, heat resistant steel, grain size

ABSTRACT: In this study, KhN35VTYu steel was processed by combining different heat treatments with room temperature tensile deformation (to 15%). This steel contained: 0.08% C; 0.6% Mn; 0.6% Si; 12-16% Cr; 33-37% Ni; 2-4% W; 2.4-3.2% Ti; 0.7-1.5% Al; and boron additions to 0.015%. Mechanical properties (strength and ductility) are tabulated for the various treatments. These were: (a) hot working, (b) hot working plus tensile deformation at room temperature (always 0, 5, and 10%), and (c) annealing at 1080°C (8 hrs) with air cooling plus tensile deformation with subsequent aging at 750°C (16 hrs). The strength for these cases always increases with cold

Card 1/2

L 59272-65

ACCESSION NR: AT5016064 2

work, even after aging, although the aging treatment results in slight loss in strength over the non-aged condition. Microstructures show this to be due to large grain growth after aging. Tensile tests were also made at higher temperatures ranging from 550-750°C. The steel maintains its strength up to about 650°C, whereupon it drops 40% at 750°C. Creep tests on both notched and unnotched samples were also run for all of the above treatments. The time to failure was determined at 550, 700, and 750°C. Only in a few instances did the cold work aid in increasing creep resistance. Generally, it lowered it. Microstructural studies of this effect confirm the presence of inhomogeneous precipitation at both twin and grain boundaries. It was concluded that this reduces creep resistance and notch sensitivity in KhN35VTYu steel. Orig. art. has: 2 figures, 4 tables.

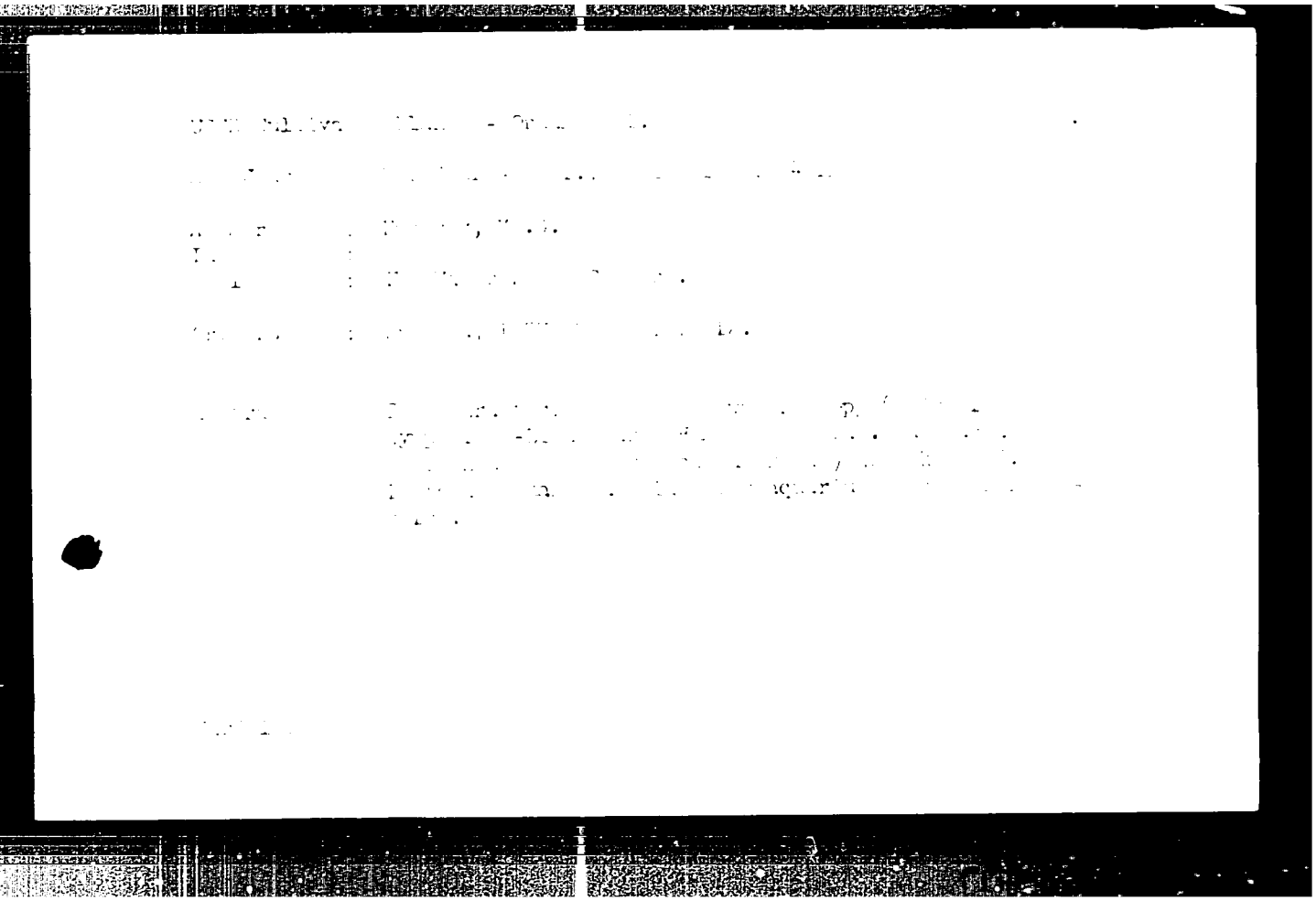
ASSOCIATION: none

SUBMITTED: 00 ENCL: 00 SUB CODE: MM

NO REF SOV: 005 OTHER: 000

KC

Card 2/2



AUTHOR: Nazarov, Ye.G (Moscow) SOV-26-58-9-[illegible]

TITLE: Aquarium Culture of Herpestes (Akvariumnaya kul'tura Kherpe-stesa

PERIODICAL: Priroda, 1958, Nr 9, p 116 (USSR)

ABSTRACT: The author tells how to cultivate the South and Central American Herpestes or Myriopyllum proserpinacoides (proserpinaca palustris plant for use in aquariums and open-air ponds in summertime.

1. Plants--Growth

Card 1/1

SOV/26-59-4-34/43

30(1)
AUTHOR: Nazarov, Ye.G. (Moscow)

TITLE: Nymphoides Peltata in the Moscow Oblast (Nimfeynik v Moskovskoy oblasti)

PERIODICAL: Priroda, 1959, Nr 4, pp 115-116 (USSR)

ABSTRACT: The autnor gives a detailed description of the plant Nymphoides peltata growing in running waters. Blooming in July-August, this plant is very seldom found in the Moscow Oblast ; practically only in two places, in the Setun' river and the pond at the Planernaya station of the Oktyabr'skaya zheleznaya doroga (October Railroad Line). The growth of this plant requires a silty, argillaceous and sandy ground and an open habitat. There is 1 photo.

Card 1/1

KAZAROV, Ye.G.(Moskva)

Tropical plants in aquariums. Priroda 49 no.7:118-119 Jl '60. (MIRA 13:7)
(Tropical plants) (Aquariums)

NAZAROV, Ye.O.; SOKOLOVA, P.S.

Lattice leaf plant. Priroda 49 no.8:109 Ag '60. (MIRA 13:8)

1. Glavnyy botanicheskiy sad Akademii nauk SSSR, Moskva.
(Lattice leaf plant)

NAZAROV, Ye.G. (Moskva)

Desmodium gyrans. Priroda 49 no.9:102-103 S '60. (MIRA 13:10)
(Desmodium)

NAZAROV, Ye.G.

Nature of spontaneous movements of plant leaves. Fiziol. rast. 9 no.5: 551-559 '62. (MIRA 15:10)
(Leaves) (Plants—Irritability and movements)

NAZAROV, Ye.G.

Mechanism and characteristics of spontaneous movements of leaves in Desmodium gyrans. Dokl. AN SSSR 147 no.3:738-741 N '62. (MIRA 15:12)

1. Predstavleno akademikom A.L. Kursanovym.
(Plants—Irritability and movements)

L [illegible] EWT(m)/T/EWP(t)/ETI/ IJP(c) JD/HM
ACC NR: AP6010095 EWP(k) SOURCE CODE: UR/0129/66/000/003/0045/0048

AUTHOR: Nazarov, Ye. G.

ORG: TsNIIChERMET

TITLE: The influence of various factors on the strengthening of alloy KhN35VTYu (EI787)

SOURCE: Metallovedeniye i termicheskaya obrabotka metallov, no. 3, 1966, 45-48

TOPIC TAGS: nickel alloy, titanium alloy, metal aging, nonferrous metal alloy / KhN35VTYu ~~nickel-titanium~~ alloy

ABSTRACT: The factors which cause a strengthening of alloy KhN35VTYu were investigated. The study supplements the results of Ye. G. Nazarov, and M. V. Pridantsev (Stal' 1964, No. 10). The work was carried out on hot-forged compressor fins as specimens which were subjected to different thermal treatments and annealing procedures. Some specimens were cooled slowly from an initial temperature of 1000C and were subsequently annealed in air, others were cooled more rapidly and were quenched in water. The usual mechanical properties of the specimens were determined as functions of the different cooling and quenching treatments. The experimental results are tabulated. A microstructural analysis of the specimens was also carried out. The following scheme for the strengthening of alloy KhN35VTYu is proposed: quenching in water from 1000C - 34%; hot deformation followed by cold working - 5%; hot deformation followed by intensified catathermic (slow cooling) aging - 15%; catathermic aging - 26%; and isothermic aging - 18%. Orig. art. has: 2 tables and 2 graphs.

Card 1/1 SUB CODE: 11/ SUBM DATE: none/ ORIG REF: 003 UDC: 669.14.018.45:621.785.74

NAZAROV, Ye.P. (g.Penza)

Homemade instrument for the determination of the mechanical equivalent of heat. Fiz. v shkole 15 no.6:70-72 N-D '55. (MLRA 9:2)
(Heat, Mechanical equivalent of)

NAZAROV, Ya.P.

Revolution counter made from an alarm clock. Fiz. v shkole 19 no.1: 107-108 Ja-F '59. (MIRA 12:3)

1. Pedagogicheskiy institut, g.Penza.
(Motion--Measurement)

DONSKOY, K.V.; DROBYSHEVSKIY, E.M.; NAZAROV, Ye.V.

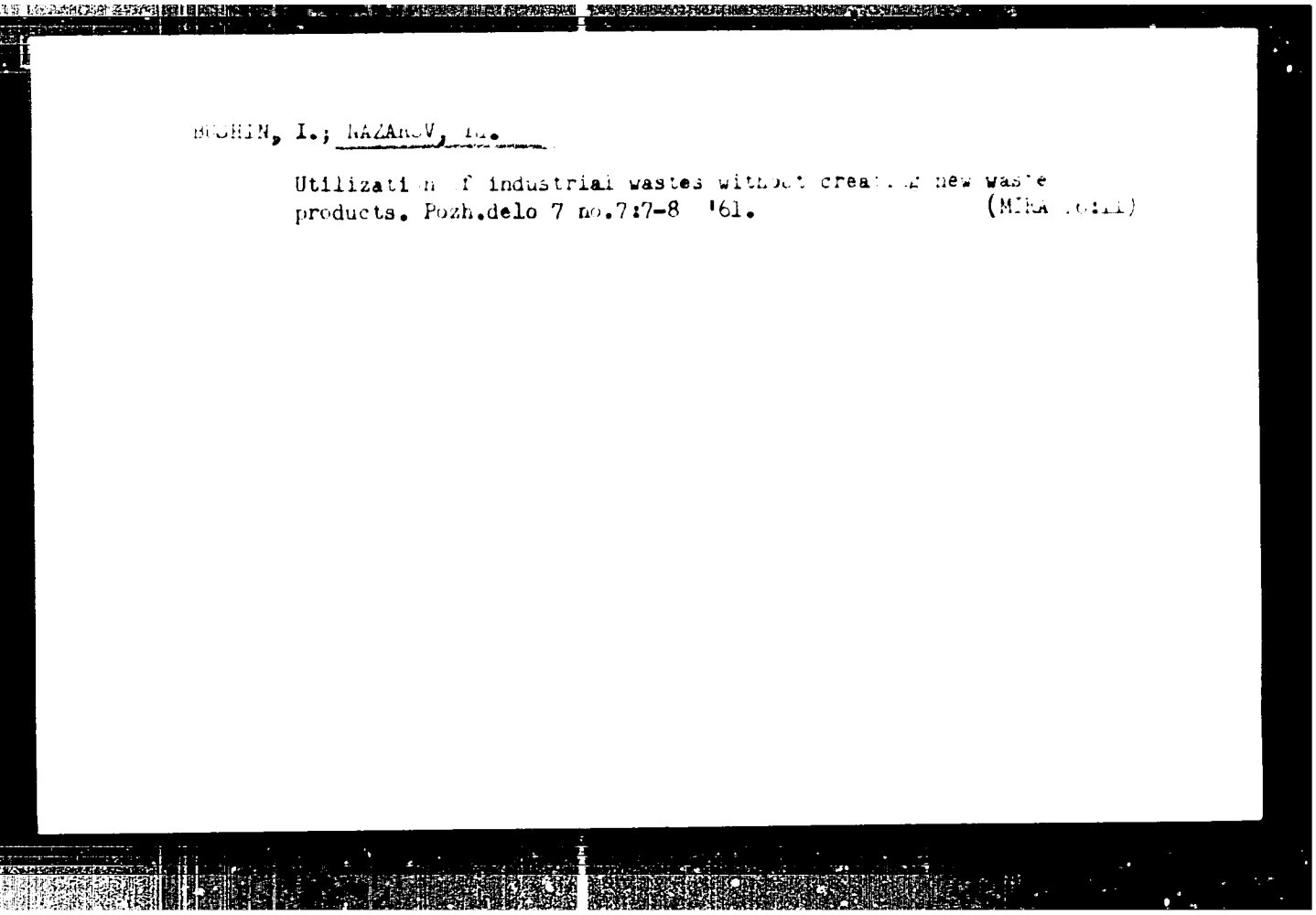
Ion wind effect on the rotation of a plasma in mutually opposed fields. Zhur. tekh. fiz. 33 no.11:1328-1332 N '63. (MIRA 16:12)

1. Fiziko-tekhnicheskiy institut imeni A.F.Ioffe AN SSSR, Leningrad.

NAZAROV, Yu.

By means of personal example. Pozh. delo 9 no.9:15-16 S '63.
(MIRA 16:10)

(Firemen)



BOCHIN, I.; NAZAROV, I.

Utilization of industrial wastes without creating new waste products. Pozh.delo 7 no.7:7-8 '61. (MIRA 14:11)

NAZAROV, Yu.

What is "Afretan?" Pozh. delo 8 no.9:31 S '62. (MIRA 16:11)

NAZAROV, Yu.

Comrade from the Putilov Plant. Pozh.delo 9 no.7:11-12 '63. (MIRA 16:10)

NAZAROV, Yu. G.

1981. PHASE-SENSITIVE SYSTEMS AS DIRECTIONAL POWER ELEMENTS. Yu. G. Nazarov.

621.316.925

Elektrichestvo 1956

NAZAROV, Yu. G., Cand Tech Sci -- (diss) "Phase-Sensitive Scheme as an Organ of Direction of Power in Schemes of Relay Protection." Mos, 1957. 19 pp (Min of Higher Education USSR, Mos Order of Lenin Power Engineering Energetics Inst), 100 copies (KL, 47-57, 88)

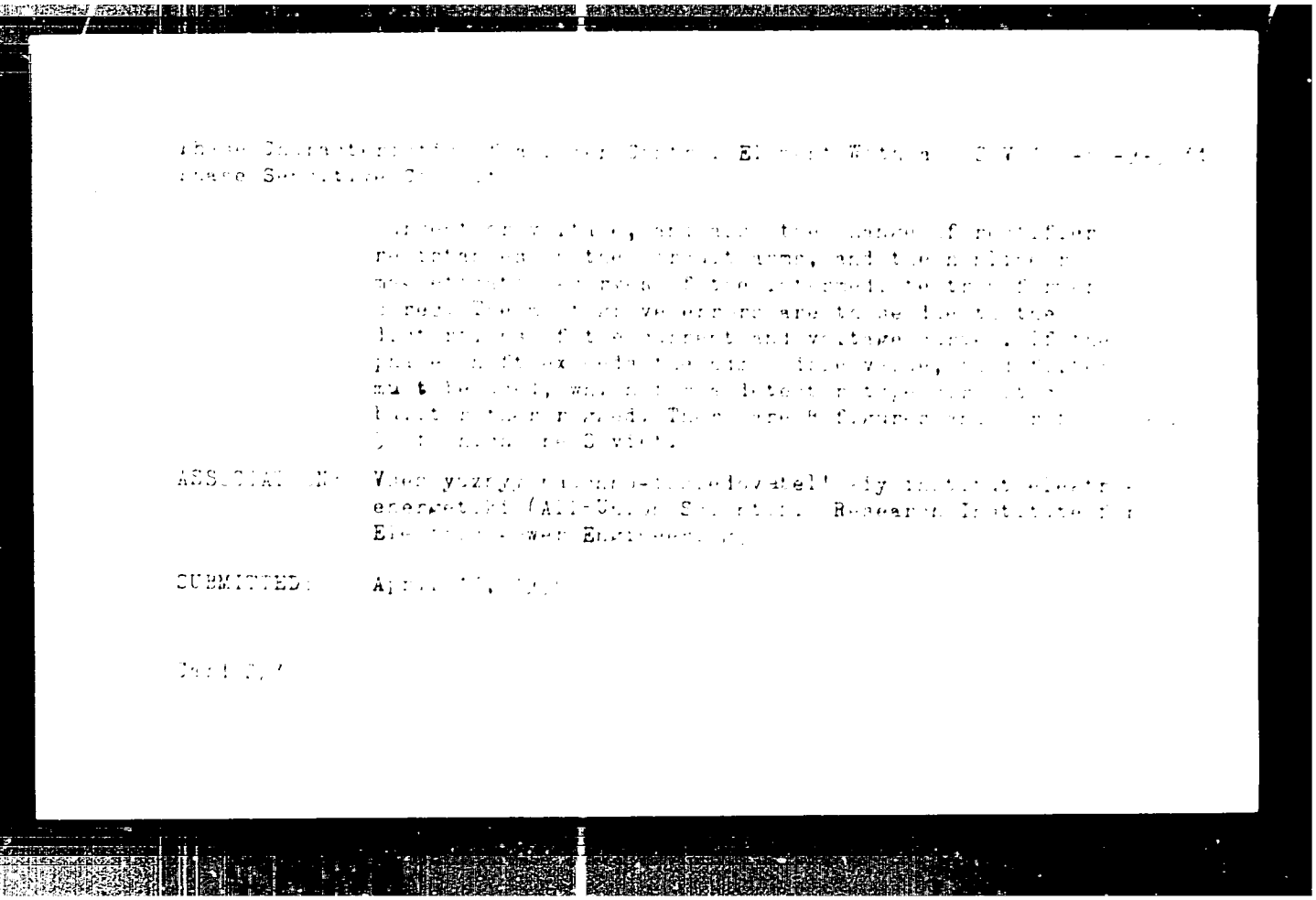
AUTHOR: [illegible]

TITLE: [illegible] of a Power Control Element With a Phase Sensitive Circuit (Uglovaya kharakteristika [illegible] napravlyayushchego [illegible] s fazochuvstvitel'noy skhemoy)

PERIODICAL: [illegible]

ABSTRACT: The phase [illegible] here, under [illegible] of the fact that rectifier operation at [illegible] current [illegible] with the phase sensitive power control circuit is normal. For the circuit analysis the linear [illegible] approximation of the voltage-current rectifier characteristic is used. First, the angular [illegible] due to the wave shape of voltages supplied to the phase sensitive circuit are studied. Next, the [illegible] errors which are caused by the [illegible] of rectifier [illegible] of the phase sensitive circuit are [illegible]. It [illegible] phase shift of the power control relay with a phase sensitive circuit. The harmonics with frequencies [illegible] first harmonic, as well as [illegible] that may be contained in the

Card [illegible]



BERKOVICH, Mikhail Arnol'dovich; VAVIN, Viktor Nikolayevich; GOLUBEV, Mikhail L'vovich; NAZAROV, Yuriy Grigor'yevich; RIBEL', Normund Yevgen'yevich; SAVOST'YANOV, Aleksey Ivanovich; SEMENOV, Vladimir Aleksandrovich; DOROFEYEV, V.I., inzh., retsenzent; PESOCHIN, M.I., inzh., retsenzent; PERSHIN, V.I., inzh., retsenzent; ARTSISHEVSKIY, L.I., red.; GERR, A.D., red.; BORUNOV, N.I., tekhn. red.

[Manual on relay protection systems] Spravochnik po releinoi zashchite. [By] M.A.Berkovich i dr. Moskva, Gosenergoizdat, 1963. 512 p. (MIRA 16:9)
(Electric relays) (Electric protection)

NAZAROV, Yu.G., kand.tekhn.nauk

Design of phase sensitive circuits with diodes. Elektrotekhnika 36 no.3:18-22 Mr '65. (MIRA 18:6)

PETROVA, A.Ye.; NAZAROV, Yu.G.

Effect of vitamins on acidity and secretion of gastric juice. Klin. med., Moskva 29 no.12:83 Dec 51. (CLML 21:4)

1. Candidate Medical Sciences for Petrova. 2. Of the Therapeutic Clinic (Director--Prof. A.N. Kryukov, Active Member AMS USSR), Moscow Municipal Scientific-Research Institute of First Aid imeni Sklifosovskiy.

BELIKH, S.P., polkovnik meditsinskoy sluzhby; NAZAROV, Yu.G., mayor meditsinskoy sluzhby; KABANOV, L.Ya., podpolkovnik meditsinskoy sluzhby

Results of dispensary observations on a group of patients with coronary insufficiency. Voen.-med.zhur. no.10:24-27 O '59. (MIRA 13:3)

(CORONARY DISEASE, diagnosis)

NAZAROV, Yu.G.

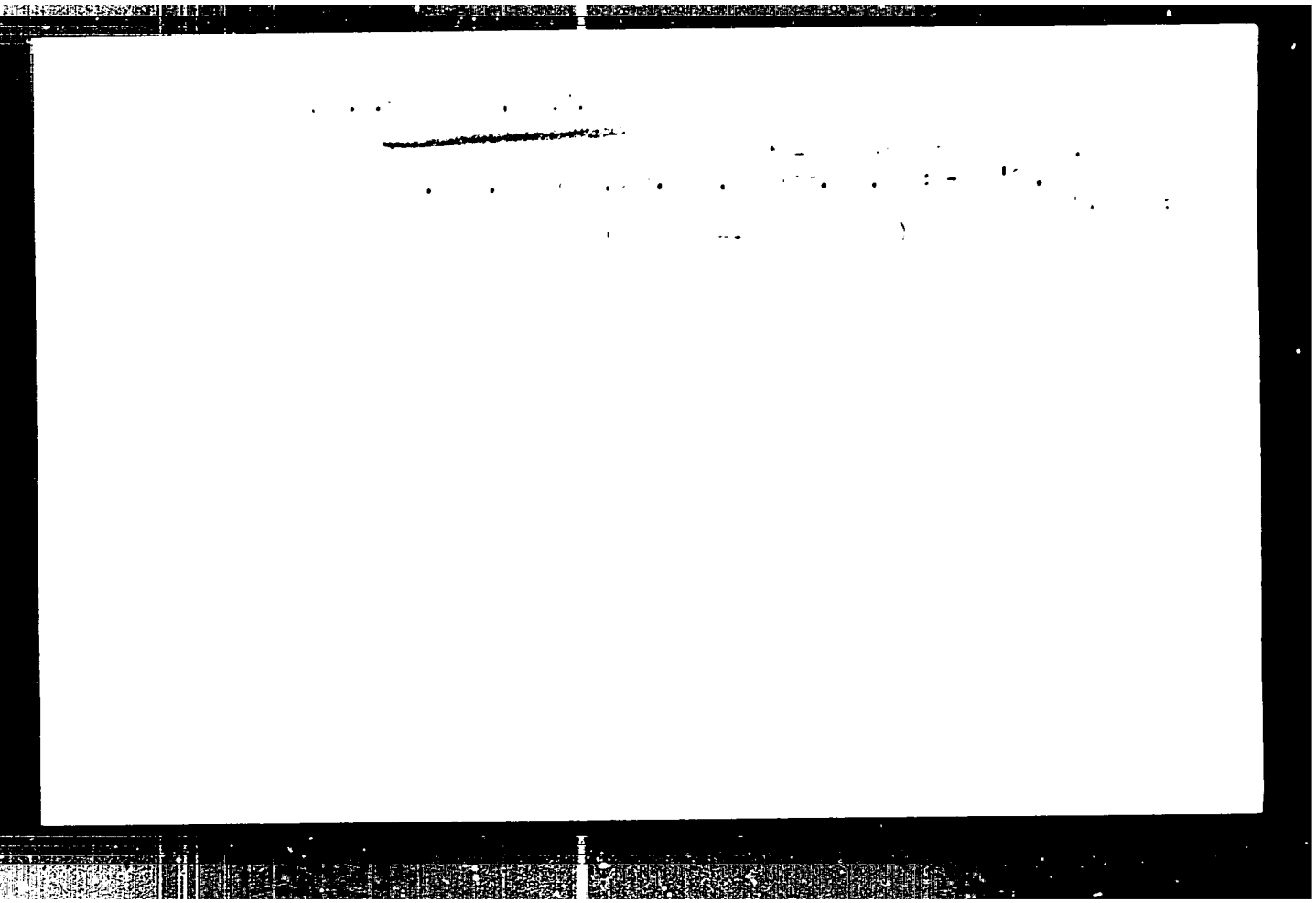
Data from a radiographic study of changes in the bone system in workers using pneumatic tools. Trudy LSGMI 53:299-315 '59. (MIRA 13:10)

1. Kafedra rentgenologii i meditsinskoy radiologii Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta - (zav. kafedroy - prof. - B.M. Shtern) i kafedra gigiyeny truda s klinikoy professional'nykh zabolevaniy Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta (zav. kafedroy - prof. Ye. TS.Andreyeva-Galanina).
(BONES) (VIBRATIONS—PHYSIOLOGICAL EFFECT)

NAZAROV, Yu.G. (Leningrad, 67, ul. Kurakina, d.1/3, korp.25, kv.10)

X-ray observations of osseous changes in the ungual phlanges of the hands in metal workers under the influence of vibration. Vest. rent. i rad. 36 no.5:43-46 S-O '61. (MIRA 15:1)

1. Iz kafedry rentgenologii (zav. - prof. B.M.Shtern) i kafedry gigiyeny truda s klinikoy profzabolevaniy (zav. - prof. Ye.TS. Andreyeva-Galanina) Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta (dir. - prof. A.Ya.Ivanov).
(FINGERS--RADIOGRAPHY) (VIBRATION--PHYSIOLOGICAL EFFECT)
(METALWORKERS--DISEASES AND HYGIENE)



APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00113

NAZAROV, Yu. I., Cand Geolog-Mineralog Sci (diss) -- "The composition of ores and conditions of formation of the Madneul'skiy deposit". Tbilisi, 1960. 19 pp (Order of Labor Red Banner Georgian Polytech Inst im V. I. Lenin, Col Admin of the Council of Ministers Georgian SSR), 150 copies (KL, No 10, 1960, 127)

NAZAROV, Yu.I.

Deposion of barites and nonferrous metal sulfides in the Madneuli deposit. Geol.rud.mestorozh. no.6:90-101 N-D '59. (MIRA 13:7)

1. Geologicheskoye upravleniye pri Sovete Ministrov GruzSSR, Tbilisi.
(Madneuli region--Barite)
(Madneuli region--Sulfides)

NAZAROV, Yu.I.

Prospecting indications to hidden copper-sulfide and barite-lead-zinc ore bodies in the southeastern part of Georgia. Trudy Geol.inst.AN Gruz.SSR. Min. i petr. ser. 6:199-211 '61. (MIRA 15:9)

(Georgia--Ore deposits)

NADIRADZE, V.R.; NAZAROV, Yu.I.

Conditions of formation and regularities in the location of endogentic deposits in southeastern Georgia. Zakonom. razm. polezn. iskop. 5: 267-282 '62. (MIRA 15:12)

1. Geologicheskiy institut AN Gruzinskoy SSR i Geologicheskoye upravleniye pri Sovete Ministrov Gruzinskiy SSR.
(Georgia—Ore deposits)

NAZ.ARCU 4/4.1

(21)

S/011/63/000/001/002/002
A006/A101

AUTHOR: Azizbekov, Sh. A.

TITLE: The Third All-Union Conference on regularities in the formation and distribution of endogenous mineral resource deposits

PERIODICAL: Izvestiya Akademii nauk SSSR, Seriya geologicheskaya, no. 1, 1963, 126 - 128

TEXT: The Conference was held in Baku from September 18 to 23, 1962; it was attended by 455 representatives from scientific and industrial geological organizations including 24 Academicians and Corresponding Members of AS USSR and AS of various republic, 49 Doctors-Professors and 164 Candidates of Geological and Mineralogical Sciences. The Conference was opened by Academician D. I. Shcherbakov, secretary of OGGN, AS USSR. The program of the Conference was divided into three main groups: a) regularities in the formation and distribution of endogenous deposits in the Caucasus; b) regularities in the formation and distribution of endogenous deposits of other folding regions of the Alpine cycle; c) general problems of metallogeny. In group a) reports on basic features

Card 1/4

The Third All-Union Conference on...

of metallogeny and models of detailed metallogenic charts of the Caucasus were delivered by Sh. A. Azizbekov and R. N. Abdullayev (in Azerbaydzhan), S. S. Mkrtychyan (in Armenia), G. A. Tvalchrelidze and Yu. I. Nazarov (in Georgia) and V. I. Orobey (in the Northern Caucasus); V. I. Smirnov reported on peculiarities in magmatism and metallogeny of the geosyncline and plateau stage in the evolution of the Western section of Northern Caucasus. Reports were delivered on magmatism and metallogeny in the Dashkesan ore region (M. A. Kashkay, M. A. Mustafabeyli) Southern Georgia (V. R. Nadiradze) the Sevan-Akera zone (S. M. Suleymanov) the Allaverdy-Bolina ore region (T. Sh. Gogishvili) and in the small Caucasian intrusives. G. S. Dzotsenidze reported on "Paleogenous volcanism in the Caucasus and metallogeny related to it"; V. N. Kotlyar on "Deposit types related to paleovolcanism"; papers were delivered on pyrite deposits in the Somkhito-Karabakh and the Sevan-Akera zone (P. P. Sopko); Northern Caucasus (N. S. Skripchenko, V. I. Buadze) the Chubukhlu-Tanzutsk ore region (S. Sh. Sarkisyan). Reports were read on polymetalic deposits in Northern Caucasus (A. M. Krasnovidova), North-West Caucasus (G. P. Kornev) and the Mekhmany ore field (N. V. Zaytseva). Other reports dealt with gold (N. Ye. Gukhman, D. G. Saliya) mercury (D. V. Abuyev) and rare metal (F. V. Mustafabeyli) mineralization. Group 2 included reports on

Card 2/3

NAZAROV, Yu.I.

Principles and methods of compiling large- and mean-scale metallogenic forecasting maps as revealed by a study in southeastern Georgia. Zakonom.razm.pol.iskop. [illegible] (MIRA [illegible])

1. Geologicheskiy institut Akademii nauk Gruzinskoy SSR.

V[illegible]ITSKI[illegible], I.G.; KRASH[illegible]V, B.F.; [illegible], [illegible]; [illegible], Yu.I.; NOVIKO[illegible], I.G.; [illegible]VA, L.A.; IVAN[illegible]V, [illegible], red.; [illegible], I.[illegible], red.

[Album of mo[illegible] in de[illegible]criptive [illegible]try] Al'bom [illegible] nachertatel'no[illegible] [illegible]metri[illegible]. By I.G.V[illegible]nitski[illegible]. Podol'sk, [illegible] shk[illegible]la, [illegible]. 135 p. [illegible]

N[illegible]ROV, [illegible].I.

Formation of [illegible] ore [illegible]. [illegible]zv. Geol. ob va Gr z. [illegible]
no.1.93 [illegible] (M[illegible]R[illegible] 1[illegible]8)

GVAKHARIYA, G.V.; NAZAROV, Yu.I.

Ferroalunite from the Madneuli deposit (Georgian S.S.R.). Soob. AN Gruz. SSR 32 no.2:381-387 '63. (MIRA 18:1)

1. Geologicheskiy institut AN Gruzinskoy SSR. Submitted December 22, 1962.

NAZAROV, Yu.I.

Relict bedding in the Jurassic shales of the Lagodekhi-Belokany zone. Soob. AN Gruz. SSR 38 no.1:111-115 Ap '65.
(MIRA 18:1.)

1. Geologicheskiy institut AN GruzSSR. Submitted Dec. 2, 1964.

NAZAROV, Yu.I.

Some data on the quartz diorite intrusion of Kazreti (Bolnisi District, Georgian S.S.R.). Soob. AN Gruz. SSR 39 no.1:109-113 JL '65. (MIRA 18:10)

1. Geologicheskiy institut AN GruzSSR. Submitted February 5, 1965.

L 60967-65 EWA(h)/EWT(1) Peb
ACCESSION NR: AP5019009

UR/0286/65/000/012/0037/0037
621.318.5

AUTHOR: Orlov, P. S.; Nazarov, Yu. M.

16
B

TITLE: Transistorized time-delay relay. 25 Class 21, No. 171921

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 12, 1965, 37

TOPIC TAGS: transistorized time delay relay, time delay relay

ABSTRACT: To improve the accuracy of the time delay, the load resistance of the proposed relay is connected between the two shaping capacitors and in series with the RC charging circuit (see Fig. 1 of Enclosure). Orig. art. has: 1 figure.

[TS]

ASSOCIATION: none

SUBMITTED: 08Jul61 ENCL: 01 SUB CODE: EE, EC

NO REF SOV: 000 OTHER: 000 ATD PRESS: 4059

Card 1/2

L 60967-65
ACCESSION NR: AP5019009

ENCLOSURE: 01

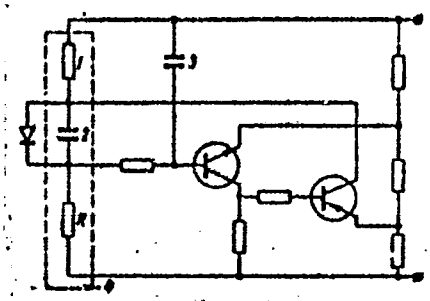


Fig. 1. Transistorized time-delay relay

1 - Load resistance; 2, 3 - capacitors;
4 - charging RC circuit.

Card 2/2

NAZAROV, Z., Candidate Med Sci (diss) -- "The hygienic characteristics and amino-acid composition of the proteins of goat's milk and lactic-acid products". Leningrad, 1959. 18 pp (Min Health RSFSR, Leningrad Sanitary-Hygiene Med Inst), 250 copies (KL, No 25, 1959, 141)

NAZAROV, Z.A., and GROSMAN, Yu. S.

"On the Effect of Vitamins C, PP, and B2 on the Course of Acute Intoxication by Orthonitrochlorobenzene", Paper read at the First Ural Conference of Physiologists, Biochemists, and Pharmacologists, Sverdlovsk, 5-8 June 1956.

Chair of Pharmacology Molotov Medical Institute.

Sum. 1305

NAZAROV, Z.F.

Relation of amino acid composition to the hygienic characteristics of goat milk and certain of its products. Trudy LSGMI no.47:201-223 '59. (MIRA 12:9)

1. Kafedra gigiyeny pitaniya Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta (zav. kafedroy - dotsent Z.M.Agranovskiy) i Kafedra biologicheskoy khimii Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta (zav. kafedroy - professor S.V.Medzvetskiy).

(MILK)
(DAIRY PRODUCTS)
(AMINO ACIDS)

NAZAROV, Z.F.; ARSLANOVA, S.S.

Vitamin C content in the vegetables, fruits, berries and vine crops growing in Tashkent Province. Trudy Inst. kraev. eksper. med. no.4:108-113'62. (MIRA 16:6)
(TASHKENT PROVINCE—ASCORBIC ACID)
(TASHKENT PROVINCE—PLANTS—CHEMICAL ANALYSIS)

NAZAROV, Z.F.

Carotene content in vegetable food products of Tashkent Province.
Uzb. biol. zhur. 7 no.3:50-53 '63. (MIRA 16:9)

1. Institut krayevoy eksperimental'noy meditsiny AN UzSSR.

NAZAROV, Z.F.; GULYAMOVA, M.; ARSLANOVA, S.S.; RAKHMATULLAYEV, M.

Content of vitamin C and carotene in vegetable food products of Bukhara Province. Uzb. biol. zhur. 7 no.5:25-28 '63. (MIRA 18:11)

1. Institut krayevoy eksperimental'noy meditsiny AN UzSSR.

[illegible]AR[illegible], [illegible]

"[illegible]armac[illegible] [illegible]tic Inv[illegible]sti[illegible]ati[illegible] of t[illegible] [illegible]rovs[illegible]a[illegible]sk[illegible] [illegible], [illegible], [illegible], sarausc[illegible]anica [illegible]l." Cand [illegible]arm Sci, Tartu Stat[illegible], Tartu, 1[illegible]. ([illegible], [illegible], Feb 5[illegible]

S[illegible]: Sum. [illegible]. [illegible]91, 26 Au[illegible] 5[illegible] - Survey of Scient[illegible]fic and [illegible]ec[illegible]n[illegible]cal [illegible]issertati[illegible]ns Defended at [illegible]SS[illegible] [illegible] [illegible]ducati[illegible]nal Institutions (1[illegible])

BAZHENOV, A.M. (Ulan-Ulde, ul. Pavlova, d.9, kv.11); NAZAROV-RYGDYLON, V.E.

Tumor of trachea causing asphyxia in thyroidectomy. Vest. khir. 92 no.1:104-105 Ja '64. (MIRA 17:11)

1. Iz otorinolaringologicheskogo (zav. - A.M. Bazhenov) i khirurgicheskogo otdeleniya (zav. - V.V. Baldynov) Respublikanskoy bol'nitsy (glavnyy vrach - zasluzhennyy vrach RSFSR Z.B. Badmayeva) Buryatskoy ASSSR, Ulan-Ude.

L 23584-66 EWT(1)/T JK

ACC NR: AP6005172 SOURCE CODE: UR/0348/65/000/011/0053/0053

AUTHOR: Nazarova, A. (Senior research associate)

ORG: VITIM, Krasnodar

TITLE: *Montar'* in tobacco

SOURCE: Zashchita rasteniy ot vrediteley i bolezney, no. 11, 1965, 53

TOPIC TAGS: plant disease, plant injury

ABSTRACT: Tobacco plants affected with bacterial *montar'*, one of the most injurious tobacco diseases, produce virtually no seeds. The disease becomes apparent late in July and early August when the leaves are maturing. The Trapezond, Ostrolist, and Amerikan varieties suffer most; the Molovata, Dyubek 8, and Varatik varieties are less affected. Plants set out early develop the greatest resistance: in experiments with Dyubek 44, Ostrolist 2747, and Trapezond 1857 set out on 13 May and again on 25 May, the disease rates were 1 and 41%, 20 and 63%, and 11 and 36%, respectively. Orig. art. has: 1 figure.

SUB CODE: 06/ SUBM DATE: 00/ ORIG REF: 000/ OTH REF: 000

UDC: 632.931.1 : 633.71

Card 1/1

L 22748-66 EWT(m)/EWP(j)/EWP(t) IJP(c) JD

ACC NR: AP6010112 (A) SOURCE CODE: UR/0190/66/008/003/0481/0485

AUTHORS: Yukel'son, I. I.; Garmonov, V. I.; Nazarova, A. P.; Kolesnikova, O. G.

ORG: Voronezh Institute of Technology (Voronezhskiy tekhnologicheskiy institut)

TITLE: Investigation of the polycondensation of diphenyl with dichloroethane in the presence of aluminum trichloride and the structure of the products obtained

SOURCE: Vysokomolekulyarnyye soyedineniya, v. 8, no. 3, 1966, 481-485

TOPIC TAGS: diphenylamine, aluminum chloride, polycondensation, polymer, molecular weight, catalyst, chemical reaction kinetics

ABSTRACT: The reaction of diphenyl with dichloroethane in the presence of the $AlCl_3$ results in the formation of polydiphenylenethyl. It was found that the molecular weight of polydiphenylenethyl increases with the decrease of the diphenyl-to-dichloroethane ratio, with the excess of the former resulting in the formation of a foam-like crosslinked polymer. With the catalyst amount is increased, the molecular weight first rises and then drops so that there is an optimum catalyst concentration for every diphenyl-to-dichloroethane ratio. For the ratio

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of 1.5:1.0, the molecular weight of 4000 is reached at 23% of catalyst concentration. The kinetics of the reaction are satisfactorily described by the equation $p = \frac{t}{19+1,665\ t}$, where P is the conversion, and t is the time from the beginning of the reaction in minutes. It follows from the IR spectrum that the polydiphenylenethyl molecules possess a linear structure with ortho-positions of substituents. Orig. art. has: 3 figures, 1 formula, and 1 table. [Based on author's abstract] [NT]

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Card 2/2 Ulf

MAZAROVA, Anna Filippovna [Mazarava, H.P.], Geroy Sotsialisticheskogo Truda; DOMASHEVICH, O. [Damashovich, O.], red.; KOLECHITS, O. [Kalechyts, H.], tekhn.red.

[Progressive march of the seven-year plan] Krokami siamihodki. Literaturny zapis i fota P.IA.Utsianava. Minsk, Dziarsh. vyd-va BSSR, Red.sel'skahaspadarchai lit-ry, 1960. 31 p. (MIRA 14:3)

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..., .I.

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