CIA-RDP86-00513R00051663







****** GREKHNEV. M.A. 2 . Dehydration of isoborneol in the vapor phase. Mi-A. Circkhney, Zkur. Priklad. Khim. 26, 231-3(1033).--Passage of isoborneol vapor through a tube at 240-60? filled with 3-4 mm. grains of the catalyst (metal alloy catalyst, whose components are not mentioned) yields 97-atalyst grain size of 3 mm. the best temp, is 250° and a 30-catalyst grain size of 3 mm. the best temp, is 250° and a 30-catalyst bed with 8-10 min. contact time. The residual material is unreacted isoborneol. G. M. Kosolapoff 0

GREKHNEV, P.

In besieged Sevastopol. Voen. znan. 40 no.8:8-9 Ag '64. (MIRA 17:11)

(MIRA 18:10)

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"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00051663

GREKHNEV, P., polkovnik zapasa

In Crontline Tala, Voen. znan. 41 m.9:10-11 S 165.

GREKHNEV, P., polkovnik zapasa

And Kursk was a fortress. Voen. znan. 42 no.2:12-13 F '66. (MIRA 19:1)

(MIRA 14:9)

GREKHNEV, V.A.

What is heat⁷ Uch. zap. MOPI 92:255-263 '60. (Heat, Mechanical equivalent of)

GREKHNEVA, Zh.G.

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[Mobile equipment for loading large-size bundles of lumber] Perenosnaia ustanovka dlia krupno-paketnoi pogruzki lesa. Tomsk, Tomskoe knizhnoe izd-vo, 1959. 15 p. (MIRA 17:3)

GREKHOV, A. V.

"A Tabular Method of Solving Systems of Linear E mations and Its Application to the Design of Electric Circuits," Transactions of the Power Engineering Institute (Trudy instituta energetiki), No 3, Power Engineering Institute, AS Uzbek SSR, 1949, 143 pp.

Franslation f	112-1-541 D From: Referativnyy Zhurnal, Elektrotekhnika, 1957, Nr 1, p. 88 (USSR)
AUTHOR:	Grekhov, A. V.
TITLE :	Investigation of Schemes for the Improvement of Dynamic Stability of Electric Systems by Connecting Load Resistances (Issledovaniye skhem povysheniya dinamicheskoy ustoychivosti elektricheskikh sistem putem vklyucheniya nagruzochnykh soprotivleniy).
ABSTRACT:	Bibliographic entry on the author's dissertation for the degree of Candidate of Technical Sciences, presented to the Power Engineering Institute, Uzbek SSR Academy of Sciences, (Energ. in-t AN UZSSR) Tashkent, 1956
ASSOCIATION:	Power Engineering Institute, Uzbek SSR Academy of Sciences, (Energ. in-t An UzSSR Tashkent)
Card 1/1	

GREKHOV, A.V
GREKHOV, A.V 8(3) p J PHASE I BOOK EXPLOITATION SOV/1476
Akademiya nauk Uzbekskoy SSR. Institut energetiki i avtomatiki
Voprosy peredachi elektroenergii na dal'niye rasstoyaniya (Problems in Long-distance Transmission of Electric Power) Tashkent, Izd-vo AN Uzbekskoy SSR, 1958. 176 p. (Series: <u>Its</u> : Trudy, vyp. 11) 650 copies printed.
Resp. Ed.: Kh.F. Fazylov, Academician, UzSSR Academy of Sciences; Ed. of Publishing House: N.A. Romanika; Tech. Ed.: Z.P. Gor'kovaya.
PURPOSE: The book is intended for personnel of scientific research institutes and for engineers and technicians of industrial design organizations.
COVERAGE: This collection contains five articles concerning capaci- tive self-excitation of synchronous and induction machines and methods of calculating the limits of self-excitation. An analysis is pre- sented of some problems of normal and emergency operating condi- tions of long electric transmission lines. References appear af- ter each article.
Card 1/7

Problems in Long-distance (Cont.)

SOV/1476

TABLE OF CONTENTS:

Shchedrin, N.N., Corresponding Member, Academy of Sciences, Uzbek SSR. On the Problem of Capacitive Self-excitation of Synchronous and Induction Machines 5

The author selected for discussion only the simplest cases of capacitive self-excitation (as an undesirable phenomenon), namely, when the stator circuit of a three-phase machine is entirely symmetrical, has constant parameters, and has in each phase an identical capacitance connected in series. Other cases are mentioned only superficially. The author discusses critically the various points of view concerning the mechanism and conditions under which self-excitation occurs as presented in the references to his article. He concludes that the great number varieties of capacitive self-excitation and their classification can be related to the physical nature of electromagnetic torque associated with the idea of rotating magnetic fields. The author discusses the two best known types of electromagnetic moments: the reactive and the asynchronous moments. The first of these Card 2/7

Problems in Long-distance (Cont.)

SOV/1476

is the basis for self-excitation which the author calls "reactive-synchronous." The second is the basis for asynchronous self-excitation. The author proceeds to a study of two cases of capacitive self-excitation: 1) in the simplest case of an induction machine and 2) in a generator with salient poles, with a longitudinal excitation winding and no damping coils on the rotor. The author concludes with a short review of methods of combating underirable self-excitation and finds that there is no universal method which is at the same time effective and economical. There are 19 references, of which 18 are Soviet (including 2 translations), and 1 English. The article contains 9 diagrams.

Shchedrin, N.N., Corresponding Member, Academy of Sciences, Uzbek SSR. Some Methods of Calculating the Limits of Self-excitation of Induction and Synchronous Machines 47

The author is of the opinion that experimental methods of determining the limits of self-excitation are difficult and there is no possibility of obtaining operational data from existing power systems. The development of sufficiently simple and exact methods of calculating these limits is therefore important for the design of certain electric power systems. In practice, the problem is reduced to finding Card 3/7

Problems in Long-distance (Cont.)

SOV/1476

the initial and terminal values of capacitance between which lies the self-excitation zone. The terminal value, which corresponds to reactive-synchronous self-excitation, is easily determined from the characteristic equation of the machine. The article is devoted to finding the initial value, which corresponds to asynchronous selfexcitation. The author determines the number of initial parameters, investigates the characteristic equations and finds the root values of these. For unsymmetrical types of machines, the author introduces approximate methods based on simplified equivalent circuits. There is one appendix, 12 diagrams and 7 Soviet references (including 1 translation).

Pospelov, G.Ye. Efficiency of Electric Transmission and its Dependency on the Distribution of Compensators 79

The author investigates the effect of the distribution of linedrop compensators along a transmission line on the losses of active power and on the efficiency of electric transmission. Energy losses over a period of a year are of decisive importance; however, the author considers it indispensable to study the effect of these losses with load changes throughout a

Card 4/7

CIA-RDP86-00513R00051663

127

Problems in Long-distance (Cont.)

SOV/1476

wide range, corresponding to maximum and minimum values. Commenting on the works presented in the references, the author claims that they discuss only the maximum conditions or use formulas inconvenient for calculation. Besides, the conditions under which maximum efficiency is obtained are not clearly presented. The author attempts to clarify all these problems and submits formulas for determining losses of active power and efficiency of transmission. He finds that associated with maximum efficiency are comparatively small active powers, low power factors at the end of the line, and voltage differentials not exceeding 10 per cent. The location of compensators may affect the efficiency of transmission by 2 to 3 per cent for lines 900 km long. There are 23 diagrams and 8 Soviet references (including 1 translation).

Grekhov, A.V. Increasing the Dynamic Stability of Electric Systems by the Inclusion of Load Resistances

The article is a condensation of the author's Candidate thesis, which he prepared under the supervision of Academecian Kh.F. Fazylov, Academy of Sciences, Uzbek SSR. The author enumerates Card 5/7

Problems in Long-distance (Cont.)

SOV/1476

several accepted methods of increasing the dynamic stability of long electric power transmission lines. Most of these methods require the introduction of complex and costly systems of automatic control. The author discusses a method of electric braking of generators, which he considers to be most efficient. Braking is achieved by momentary automatic switchingin of load resistances. The author compares the various types of load resistances and the methods of switching them into the generator circuit. He selects the method of parallel switching of active load resistances according to the diagram in Fig. 1. Switching takes place almost simultaneously with the occurrence of a short in the system and, according to the author, it provides electric braking of the generator during the period of maximum excess of power. The method is said to be simple and economical as well as efficient. The article analyzes several variant methods of parallel load switching as employed in the Kuybyshev - Moscow electric power transmission line. The author makes analytical calculations for various operating conditions. There are 15 diagrams and 5 Soviet references.

Card 6/7

Problems in Long-distance (Cont.) SOV/1476

Pospelov, G.Ye. Certain Assumptions of an Economic Analysis of Electric Power Transmission 157

The author attempts to determine appropriate technical solutions which would ensure the desired economy of operation of long-distance electric power transmission. He bases his economic analysis on Marxist-Leninist teachings and discusses a series of articles which appeared in the Soviet periodicals during the period 1934 to 1956. There are 30 Soviet references.

AVAILABLE: Library of Congress

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Card 7/7

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SOV/112-59-2-2779

Translation from: Referativnyy zhurnal. Elektrotekhnika, 1959, Nr 2, p 72 (USSR)

AUTHOR: Grekhov, A. V.

- TITLE: Increasing the Dynamic Stability of Electric Systems by Connecting Load Resistors (Povysheniye dinamicheskoy ustoychivosti elektricheskikh sistem vklyucheniyem nagruzochnykh soprotivleniy)
- PERIODICAL: Tr. In-ta energ. i avtomatiki AN UzbekSSR, 1958, Nr 11, pp 127-155
- ABSTRACT: The effectiveness of parallel-connected load resistors intended to increase dynamic stability is considered; the resistors are connected to the generator buses via a normally closed breaker and spark gaps. At the moment of short-circuit, a high voltage is applied to the spark gaps which causes flashover. The arc is extinguished and the resistors disconnected by the circuit breaker at the proper moment. Such a scheme permits switching on the resistors almost simultaneously with the moment of short-circuit and ensures

Card 1/2

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SOV/112-59-2-2779

Increasing the Dynamic Stability of Electric Systems by Connecting Load Resistors

braking the generator during the minimum-power transmission. With properly selected load resistors, dynamic stability would be determined by system parameters under post-failure conditions, and the short-circuit, in so far as its effect on dynamic conditions is concerned, would be similar to loss of a transmission-line section. Experimental study of the load-resistor effective-ness (on an electrodynamic model) confirmed the possibility of increasing the dynamic stability of a transmission line whose parameters are close to the 400-kv Kuybyshev-Moscow transmission line.

A.A.K.

Card 2/2

GREKHOV, A.V.

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Use of electric braking for increasing the dynamic stability in complex power systems. Izv. AN Uz. SSR. Ser. tekh. nauk 9 no.2: 15-22 465. (MIRA 18:8) 15-22 65.

1. Uzbekskiy nauchno-issledovatel'skiy institut energetiki i avtomatiki.

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L 22399-66 EWT(1) ACC NR: AP6013978 SOURCE CODE: UR/0167/65/000/002/0015/0	29
AUTHOR: <u>Grekhov, A. V.</u> ORG: <u>Uzbek Scientific Research Institute of Power and Automation</u> (Uzbekskiy nauch issledovatel'skiy institut energetiki i avtomatiki)	
TITLE: Use of electrical braking for increasing the dynamic stability in a compour power system η^{q}	ind
SOURCE: AN UZSSR. Izvestiya. Seriya tokhnicheskikh nauk, no. 2, 1965, 15-22	
TOPIC TAGS: electric power transmission, electric power production, electric generator	
AESTRACT: The purpose of this article is to find the effect of electrical braking on increasing the dynamic stability of a compound electric power sys- tem consisting of stations of commensurable power, connected by long transmis- sion lines.	
Because of the nonlinearity of the problem, the studies were made by numerical analysis on concrete circuits of the system, and numerical calculations of the dynamic stability were made on a static alternating current model. The follow- ing systems were investigated:	
(1) A system consisting of two stations of commensurable power. The line is 614 km long, and the power transmitted is 1200 MW at a voltage of 400 kV. The line has three switching points, 40% of the inductance is compensated for by a	

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ACC NR: AP6013978 series capacitor, while the capacity of the line is compensated for by shunt coils. All the generators of the system are provided with a device for automatically switching in braking impedances. The dynamic stability of the system was calculated for three-terminal and two-terminal short circuits to ground lasting 0.15 and 0.20 seconds. It was found that for short circuits at the start of the line the generators of the transmitting station lose power and accelerate, while the generators in the receiving system take on load and are retarded. The angle between the voltage vectors of the transmitting and receiving system increases more rapidly than when the receiving system is represented by buss bars of infinite power. To increase the effect of the braking it is necessary to leave the impedances connected until the relative acceleration of the rotors is equal to zero. For short circuits at the end of the line, the generators of both systems lose power and are accelerated. The relative acceleration is determined by the difference in excess power in the two systems. The dynamic stability is better than for short circuits at the start of the line. Since the generators of both systems are accelerated, their braking impedances are connected in. The duration of the braking may be limited to the period of the short circuit.

(2) A system of two stations of commensurable power with an intermediate supporting synchronous compensator: The line is similar to the previous case but instead of the series capacitor in the middle of the line there is a supporting synchronous compensator which maintains the voltage constant. Under steady state conditions and for static stability, the line acts as though it was half

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L 22399-66 OACC NR: AP6013978 as long. The power of the synchronous condenser is 600 Mva, and it is connected to the line through a series capacitor which compensates for up to 90% . of the reactive impedance of the transformer and the transient reactance of the condenser. Calculations for short circuits at the start of the line showed that the dynamic stability is always disturbed, even for "strong" regulation of the excitation of the compensator. A calculation was made for the case where there was a series capacitor, and the synchronous compensator was connected in. While the system was stable without synchronous condenser, the stability was disturbed with the synchronous condenser in. When the system had a synchronous condenser with a compensated reactive impedance, and the compensating compensator was not shunted during the period of short circuit, any disturbance of operation led to loss of dynamic stability. Dynamic stability is maintained if, during the short circuit, the synchronous condenser is disconnected from the system, or at the time of short circuit is shunted by a capacitor to compensate for the reactance of the synchronous condenser. (3) A system of three stations of commensurable power, connected by long transmission lines. The first part of the system is the same as the system consisting of two stations, while the third system, connected at one end, transmits 600 hW of active power over a distance of 764 km. It is shown from calculations of the dynamic stability during short circuits at various points in the system that electrical braking is very effective. To maintain dynamic stability, it is usual to increase the moment of inertia of the machines. Card 3/4

CIA-RDP86-00513R00051663



GREKHOV, F., kand. sel'skokhoz. nauk

Economic efficiency of breeding meat and wool-bearing sheep. Inform. biul. VDNKH no.2:20-22 F '65. (MIRA 18:3)

- 1. GREKHOV, F. A.
- 2. USSR (600)
- Wool 4.
- Quality of wool from fine-wool and coarse-wool crosses. Trudy VIZh 20. 1952. 7.

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9. Monthly List of Hussian Accessions, Library of Congress, Earch 1953. "nclassified.

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USSN/Form Animals, Small Horned Stock. .bs Jour: Nef Zhur-Biol., No 20, 1958, 92593. Author : Grekhov, F.A., Veretin, I.G. Inst : Stock Conservation of the Strongezish Sheep Dreed. Orig Pub: Oxtsevodstvo, 1958, No 2, 7-10.

Abstract: The Ostrogozhsk sheep breed was obtained through the cross-breeding of Mikhnovsk sheep with Normey Marsh rans. Animals of this breed have the height of 73 cm in rans, 65 cm in ewes, measured at the withers. The average wool at a shearing is respectively 6 - 6.9 and 3.9 kg. The live weight of the lambs for removal was at 50% of the weight of the mature ewes, the twist in the heavy wool was

Cerd : 1/2

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63

GREKHOV, F.A., dotsent, kand. sel'skokhoz. nauk

Work results of the development of Liskino dual-purpose sheep with a crossbred wool-type. Izv. TSKHA no.4:205-219 '65. (MIRA 18:11)

1. Kafedra ovtsevodstva Moskovskoy sel'skokhozyaystvennoy ordena Lenina akademii imeni Timiryazeva. Submitted January 7, 1965.

GREKHOV, F.A.

Meat characteristics of five and seven-month old castrated male sheep of the Ostrogozhsk and Liski regions. Biul.MOIP. Otd.biol. 70 no.5:110-114 S-0 '65.

(MIRA 18:12)

CREXHOV, F.A., dotsent, kand. selfskokhozyaystvennykh nauk

New Ostrogozhsk sheep strain with crossbred wool. Izv.TSKHA no. 1:163-178 '65 (MIRA 19:1)

l. Kafedra ovtsevodstva Moskovskoy sel'skokhozyaystvennoy ordena Lenina akademii imeni Timiryazeva.

GREKHOV, G.F.

Calculating the wood-earth surfacing of motortruck roads. Nauch. trudy LTA no.96:129-138 '61. (MIRA 17:3) (MIRA 17:3)

RABINOVICH, K. R.; GREKHOV, G.F.

Geological structure presence and prospects of ore in the southeastern part of the Irtysh shear zone. Trudy Alt. GMNII AN Kazakh. SSR 9:64-71 '60. (MIRA 14:6)

1. Altayskiy gornometallurgicheskiy nauchno-issledovatel'skiy institut AN Kazakhskoy SSR (for Rabinovich). 2. Vostochno-Kazakhstanskoye geologicheskoye upravleniye (for Grekhov). (Irtysh Valley-Geolgy, Structural)

CIA-RDP86-00513R00051663

KORCHUNOV, N.G.; BARANOV, A.I.; GREKHOV, G.F.; DRANITSYNA, N.N.; STRELE, L.A., red.

> [Methods of conducting practice training for the students of forestry faculties] Metodika provedeniia uchebnoi praktiki dlia studentov lesoinzhenernykh fakul'tetov; uchebnoe posobie. Leningrad, Leningr. Lesotekhn. akad. 1962. 61 p. (MIRA 16:7)

(Foresters---Education and training)

CIA-RDP86-00513R00051663

AUTHOR: Grekhov, I.A.

130-58-4-14/20

TITIE: Operating Experience with Cold-rolling Mills (Opyt raboty na stanakh kholodnoy prokatki)

PERIODICAL: Metallurg, 1958, Nr 4, pp 26 - 29 (USSR).

The author mentions the advantages of cold-rolling for ABSTRACT: producing high-quality, thin-walled tubes of carbon steel, stainless, heat-resisting bearing tubes and high-pressure tubes. He outlines the special design features of types KhPT-75, KhPT-55 and KhPT32 cold-rolling tube mills designed and manufactured by the Ural'skiy zavod tyazhelogo mashinostroyeniya (Urals Heavy Engineering Works) and goes on to analyse the reasons for idle time when these mills were tested at the Novotrubnyy Works. Work was carried out jointly by works' personnel, designers from the mill manufacturers and scientists from the Uralskiy politekhnicheskiy institut (Urals Polytechnical Institute) to improve constructional features and reduce idle time. The main cause of failure of the working stand was found to be wear or failure of bearings and measures were taken to protect roll bearings from overloading. A ready-assembled spare working stand was found to be desirable also some modifications to the stand and its Cardl/Zails. Some modifications in the mill-drive system were made,

Operating Experience with Cold-rolling Mills

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including the replacement of cast by forged parts, bearing changes and the reduction to 75 per minute of the frequency of double travel of the working stand. On the KhPT-55 and -32 mills, the main reducing gear, in spite of being made of special alloy steel, was found to be and remains a weak spot; on the KhPT-75 mill it is satisfactory. The same holds for the feed mechanism and the athor lists the modifications introduced at the Novotrubnyy Works and mentions two new designs as yet untested. Regular inspection and adjustment of the turning-pinions has prevented idle time due to failures here. Better foundations for the housings of the working stand and feed mechanisms were introduced. There are 3 figures.

ASSOCIATION: Pervoural'skiy novotrubnyy zavod (Pervoural'sk New Pipe Card 2/2 Rolling Mill)

GRESHOV, 1.T., inst.

Raising the contants efficiency of the furning of raw could in furnates with a pole courie. Poog. 5 while uple no.25033-43 464. (while 1748)
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ACC NR: AP6033255 SOURCE CODE: UR/0109/66/011/010/1781/1788	
AUTHOR: Grekhov, I. V.; Kryukova, N. N.; Chelnokov, V. Ye.	
ORG: none	
TITLE: Investigation of characteristics of silicon p-n junctions with controlled avalanche	
SOURCE: Radiotekhnika i elektronika, v. 11, no. 10, 1966, 1781-1788	
TOPIC TAGS: pn junction, silicon diode, avalanche diode	:
ABSTRACT: As the diffusion coefficient of Al at 1320C is higher by one order of magnitude than that of B, the breakdown voltage of a diffused-Al silicon specime is much higher than that of a diffused -B specimen (experimental curves shown) Reverse-current I-V characteristics were measured in silicon p-n junctions equipped with (diffused-Al) guard rings, at 18-140C. Specimens with breakdow	•
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ACC NR: AP6033255

voltages of 440 and 770 v had resistivities of 5.5 and 15 ohms-cm, respectively. These controlled-avalanche junctions could withstand high short-time reverse voltages (heavy reverse currents). The p-n junctions suffered breakdown much earlier than surface breakdown would take place. The breakdown holes of 0.3--0.8-mm diameter occurred in the central (diffused-B) part of the specimens. The knockout energy is roughly constant which is seen from an experimental breakdown-power vs. pulse-duration plot. By using rippled d-c voltage and a cathode-ray oscillograph, the breakdown of individual microplasms was observed. Orig. art. has: 7 figures, 5 formulas, and 2 tables.

SUB CODE: 09 / SUBM DATE: 27 May65 / ORIG REF: 002 / OTH REF: 004

Card 2/2

ACC NR: AP7005830 SCURCE CODE: UR/0181/06/008/012/3474/3479 AUTHOR: Grekhov, I. V.; Kryukova, N. N.; Chelnokov, V. Ye. ORG: Physicotechnical Institute im. A. F. Ioffe, AN SSSR, Leningrad (Fizikotekhnicheskiy institut AN SSSR) TITLE: Microplasma phenomena in silicon SOURCE: Fizika tverdogo tela, v. 3, no. 12, 1966, 3474-3479 TOPIC TAGS: silicon, semiconductor plasma, pn junction, surface property, volt ampere characteristic, dielectric breakdown ABSTRACT: This is a continuation of earlier work on deep lying p-n junctions (Radiotekhnika i elektronika v. 9, 56, 1966) and deals with microplasma phenomena occurring in cascade breakdown of deep p-n junctions prepared by diffusion of boron in n-type silicon. Most carlier investigations were limited to microplasmas produced at the emergence of the p-n junction to the surface. The present investigation deals with junctions that have a large depth (40 - 100 μ). Since the radiation from the microplasma is practically absorbed by the silicon, the data on the microplasma deformation was obtained by studying the character of breakdown of a large number of cascade nicrodiodes prepared on a single silicon plate by photolithography. Protection against surface breakdown was afforded by a guard ring. The junctions were prepared by a procedure described by the authors earlier (Elektrichestvo v. 7, 56, 1966). By studying the oscillogram of the inverse volt-ampere characteristic of the diode Card 1/2

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ACC NR: AP7005330

during the breakdown it was possible to determine the distribution of the microplasmas over the area of the junction, the volt-ampere characteristic, the variation of the microplasma temperature with current, and the geometric dimensions of the microplasma. The results show that the microplasmas are distributed quite uniformly over the area of the junction. Their number can be quite large, and the breakdown voltage can differ greatly from junction to junction. The breakdown volt-ampere characteristic can be approximated by an exponential function. The calculated geometrical dimensions of the microplasma were found to agree well with the experimental data. Orig. art. has: 4 figures, 8 formulas, and 1 table.

SUB CODE:	20/ SUBM DATE: $09/$	19Feb66/	ORIG REF: 003/	OTH REF:	008
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Card 2/2

ACC NRI	AP7006046	SOURCE CODE: UR/0109/66/011/010/1856/1864
AUTHOR:	Grekhov, I. V.; Liniych	uuk, I. A.; Chelnokov, V. Ye.; Shuman, V. B.
ORG: no	DNO	
TITLE: diffusio	Influence of space charg on structures in silicon	ge layer on volt-ampere characteristic of multi-stratal
SOURCE:	Radiotekhnika i elektro	onika, v. 11, no. 10, 1966, 1856-1864
TOPIC T	NGS: volt ampere charact	ceristic, pn junction
of space for cert ent in mental of of diffi- tions an can be D. I. Ka	e charge layer in diffusi- tain practically interest junction). Calculations lata are presented on the usion p-n junctions; the ad experiment are in good used in planning diffusion	I from calculation of the dependence of width on silicon pn junctions on the applied voltage ting cases (with low additive concentration gradi- were performed on the BESM-2 computer. Experi- e investigation of the volt-ampere characteristic data is compared with calculated data. Calcula- a agreement. Thus, the calculated dependences on multi-stratal structures. The authors thank experimental work. Orig. art. has: 9 figures and
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<u>E 30991-66 EwP(e)/EvT(m)/T/EwP(t)/EwP(k)/EwP(z)/EwP(b) IJP(c) JD</u> ACC NR: AP6002888 SOURCE CODE: UP/0286/65/000/024/0045/0045	
INVENTOR: <u>Grekhov, I. V.; Liniychuk, I. A.; Lebedeva, L. V.; Tuchkevich, V. M.;</u> Chelnokov, V. Ye.; Shuman, V. B.; Yakivchik, N. I.	
ORG: none	
TITLE: Method of creating a source of <u>diffusion</u> of <u>aluminum</u> in <u>silicon</u> . Class 21, No. 176989 [announced by the <u>Physical Engineering Institute im</u> . A.F. Ioffe, AN SSSR (Fiziko-tekhnicheskiy institut AN SSSR)	
SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 24, 1965, 45	
TOPIC TAGS: aluminum, diffusion, aluminum diffusion, junction, pnp junction, npnpn junction, junction forming	
ABSTRACT: This Author Certificate introduces a method of forming an aluminum source for the diffusion of aluminum in silicon in an oxidizing atmosphere such as air. To simplify the technique and accelerate the diffusion, aluminum in the form of $A1(NO_3)_3$ solution or of a mixture of aluminum-oxide powder with powder oxides of metals such as tungsten, titanium, or tantalum is deposited by any well-known method on the sur- face of silicon plates. In a variant of the above method, in order to obtain struc- tures of the types p-n-p or n-p-n-p-n, the surface of silicon plate is first coated with a boron or phosphorus compound and subjected to heat treatment. In a further variant of the first and second methods, in order to form semiconducting structures of such	

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L 30991-66 0 ACC NR: AP6002888 types as p-n-n+, one of the sides of the silicon plate is coated with an alcoholic ٠ solution of aluminum, boron, and nickel compounds, and the other side is coated with a solution of orthophosphoric acid in alcohol, followed by a heat treatment. [ND] SUB CODE: 20,09 SUBM DATE: 05Mar64/ ATD PRESS: 4189 .

GREKHOV, I.V.; LINIYCHUK, I.A.; TUCHKEVICH, V.M.; CHELNOKOV, V.Ye.; SHUMAN, V.B.; YAKIVCHIK, N.I.

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Some applications of regulated silicon power rectifiers. Elektrichestvo no.2376-77 F '65. (MIRA 18:3)

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GREKHOV, N.T., inzh.; PISTSOV, Yu.N., inzh.; ZERNITSKIY, V.G., inzh.; KARTOKHIN, I.I.

> Raising heat loads during the combustion of low-grade fuels. Obog. i brik.ugl. no.28:58-68 '62. (MIRA 17:4)

GREKHOV, V.V.

Electric drive made by efficiency promoters. Bum. prom. no.2: (MIRA 17:3) 24 F '64.

1. Direktor bumazhnoy fabriki "Krasnyy klyuch".

NAUJAINKO, V.G.; CREABON, V.V.

Mathed of examining the brain in a conference trainer. Bud.-med. ekspert. 7 no.3:51-57 J1-8 161. (1998) 10:10)

1. Naushno-issledovatel skiv matitut sudebnoy mediteiny (dir. - prof. V.I. Proscrovskiy) Ministerstva dira oukhroneniya VSSR, Moskva.

GREKHOVA, I.P.

Lowering disease incidence of infants in nurseries. Vop.okh.mat. i det. 7 no.8:64-66 Ag '62. (MIRA 15:9)

1. Iz Gor'kovskogo nauchno-issledovatel skogo pediatricheskogo instituta (dir. - kand.med.nauk N.P.Zhukova) i iz yasley No.7 Priokskogo rayona Gor'kogo (zav. N.A.Semenova). (CHILDREN--CARE AND HYGIENE)

GREKHOV, I.T.

Combustion in rubbled-hearth, boiler furnaces under various conditions of air blow. Isv.vys.ucheb.zav.; tekh.tekst.prom. National Action of the no.4:127-132 '59.

1. Moskovskiy tekstil'nyy institut. (Textile industry--Equipment and supplies) (Boilers)



ACC NR: AP6002887 SOURC	E CODE: UI	1/0286/65/00	0/024/0044/0	2045
AUTHOR: <u>Grekhov</u> , I. V.		,		B
ORG: none	•••	15 (atabi)	itron)	
TITLE: Semiconductor voltage st Class 21, no. 176988				
SOURCE: Byulleten' izobreteniy	i tovarnyk	h znakov, no	. 24, 1965,	44-45
TOPIC TAGS: semiconductor devic voltage stabilization, stabilize				
ABSTRACT: The semiconductor vol form of a triode of the n-p-n tr a voltage stabilizing tube sect as the base is set up in the co order to increase the power of tion and the breakdown voltage down voltage of the entire coll the surface of the structure on downward, is shorter than that	Ltage stabi ype, is cha lon with th llector jun the device. is smaller ector junct	te same type nction of the The area than the ar tion, and it	of conducta e structure of the tube ea and the b distance f ctor, measure	ince in sec- preak- from red
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L_38192-66 EWT(1)/EWT(m)/T/EWP(t)/ETIIJP(c)JD/JG ACC_NR: AP6023613 SOURCE_CODE: UR/0105/66/000/007/0056/0059	
AUTHOR: Volle, V. M.; Grekhov, I. V.; Kryukova, N. N.; Tuchkevich, V. M.; Chelnokov, V. Ye.; Shuman, V. B.; Yakivchik, N. I.	
ORG: Leningrad Physicotechnical Institute im. Ioffe, AN SSSR (Leningradskiy fiziko- tekhnicheskiy institut. AN SSSR) 4/5 TITLE: VKDL-type diffused silicon avalanche power rectifiers 1/2 4/1	
SOURCE: Elektrichestvo, no. 7, 1966, 56-59	
TOPIC TAGS: semiconductor rectifier, silicon controlled rectifier	
ABSTRACT: The development is reported of new types of diffused silicon power rectifiers. The rectifiers, thick can be operated safely under high peak inverse voltages, differ from conventional diffused silicon rectifiers in that, due to special preparation of the p-n junction, the possibility of local electric breakdown at the intersection of the p-n junction with the surface is eliminated. Therefore, under peak inverse voltages, the process of avalanche breakdown takes place in the central section of the junction, while large power is dissipated in the inverse direction. In 1964, the Leningrad Physicotechnical Institute im. Ioffe, AS USSE, in cooperation with the "Elektrovypryamitel" Plant developed a series of such rectifiers bearing the designations VKDL-100, VKDL-200 and VKDL-350 for 100, 200, and 350 amp, respectively, and an 800-v operating voltage. The rectifying element of these devices is in the	·
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L 38192-66 ACC NR: AP6023613

and W. J. Shockley, J. Appl. Phys., v. 34, 1963), was used to eliminate the possibility of surface breakdown. The p-n junctions were made by the method of phosphorus, boron and hluminum diffusion. The boron p-n junction was 18 mm in diameter with a vplanar guard ring 2 mm wide. The thickness in the diffused layer in the central section of the silicon plate was 60-80 µ, and in the region of the guard ring, 120-160 µ. The thickness of the diffused layer formed by phosphorus on the side of the base contact was 20 µ. Typical voltage-inverse current characteristics of the motifiers in the breakdown region at 500 and 800 v are shown in Fig. 1. The characteristics correspond to the central p-n junction. The breakdown voltage of the p-n junction in the guard ring exceeds that of the central p-n junction by 250-600 v depending on the initial silicon resistance. Dependence of the dynamic resistance of avalanche rectifiers on inverse current is shown in Fig. 2, and the voltage-forward current characteristic in Fig. 3. With respect to the forward voltage drop, the above devices are divided into three groups: those with a 0.4-0.5, 0.5-0.6, and 0.6-0.7 v forward voltage drop for a nominal current. The inverse current under nominal conditions for all rectifiers does not exceed 5 ma. The lifetime of the avalanche rectifiers is up to 25,000 hr. The number of thermal cycles ranging from -50 to +1400 should not exceed 5000 during the entire lifetime. The rectifiers can be connected either in series or in parallel. When connected in parallel, they should have equal forward voltage [JR]drops. Orig. art. has: I table and 8 figures.

SUB CODE: 09/ SUBM DATE: LOMAY65/ ORIG REF: 003/ OTH RFF: 001/ ATD PRESS: 5644

Card 3/3



BORISOV, V.S.; GOL'DIN, L.L.; GORYACHEV, Yu.M.; GREKOV, N.N.; SKACHKOV, S.V.; TALYZIN, A.M.

Measurement of the principal magnetic characteristics of S-units of a proton synchrotron. Prib. i tekh. eksp. 7 no.4:206-212 J1-Ag '62. (MIRA 16:4)

1. Institut teoreticheskoy i eksperimental'noy fiziki Gosudarstvennogo komiteta po ispol'zovaniyu atomnoy energii SSSR. (Magnetic measurements) (Synchrotron)

GORYACHEV, Yu.M.; GREKOV, N.N.; SKACHKOV, S.V.

Effect of the vacuum chamber on the magnetic field in a proton synchrotron. Prib. i texh. eksp. 7 no.4:217-223 J1-Ag '62. (MIRA 16:4)

1. Institut teoreticheskoy i eksperimental'noy fiziki Gosudarstvennogo komiteta po ispol'zovaniyu atomnoy energii SSSR. (Magnetic measurements) (Synchrotron)

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GRENHOV, O. V.

: ; Jul 51 USSR/Electricity - Measurements, Magnetic

"'The Tare Method' in Magnetic Tests of Dynamo and Transformer Steel in Differential Units," Prof R. I. Yanus; O. V. Grekhov, V. V. Druzhinin, Engineers, Verkh-Isetskiy Metallurgical Plant

"Elektrichestvo" No 7, p 76

Suggests a method similar to the well-known "tare method" used in accurate weighings. The method substantially increases the accuracy of std magnetic tests without any addnl labor, expense, or complications of the testing methods. Submitted 24 Jan 51. 199127

CIA-RDP86-00513R00051663

GREKOV, P.N.; GRUZINOV, V.K.; LAZAREV, B.L.

1

Efficient distribution of pickup elements for the automatic control of the horizontal burden distribution. Stal' 20 no.11:977-980 W 60. (MIRA 13:10)

1. Ural'skiy politekhnicheskiy institut i NTMK. (Blast furnaces) (Automatic control)

GREIHOV, V.V.

"Gunshot wound of the skull and brain; surgical anatomy and operative surgery " by B.M.Margolin. Reviewed by V.V.Grekhov. Vop.neirokhir. 22 no.2:57-58 M-Ap '58. (MIRA 11:4) (HEAD--WOUNDS AND INJURIES) (MARGOLIN, E.M.)

GREKHOV, V.V. (Moskva)

Topography of craniopharyngioma. Vop.neirokhir. 23 no.6:12-17 N-D '59. (MIRA 13:4)

1. Patologoanatomicheskaya laboratoriya Nauchno-issledovatel'skogo ordena Trudovogo Krasnogo Znameni instituta neyrokhirurgii imeni akademika N.N. Burdenko AMN SSSR. (CRANIOPHARYNGIOMA pathology)

KOREYSHA, L.A., prof.; MASLENNIKOVA, V.V.; GREKHOV, V.V. (Moskva)

"-igeminal neuralgia in tumors of the hypophysis. Vop.neirokhir. ... no.1:49..53 '62. (MIRA 15:1)

1. Nauchno-issledovatel'skiy ordena Trudovogo Krasnogo Znameni institut neyrokhirurgii imeni akad. N.N. Burdenko AMN SSSR. (NEURALGIA, TRIGEMINAL) (PITUITARY BODY---TUMORS)

GREKHOV, Ye.V. Results of pipeline transportation of paraffin base oils. Meftianik 1 no.9:9:11 S '56. (MLRA 9:11) 1. Starshiy mekhanik kontory po perekachke nefti ob"yedineniya Molotovneft'. (Petroleum--Pipelines)

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L 5650**3-6**5 UR/0286/65/000/010/0081/0081 ACCESSION NR: AP5016758 681.142.644 ALTHOR: Grekhov. Yu. N. TITLE: A protection circuit for preventing nonlinear self-oscillations in a dc operational amplifier. Class 42, No. 171159 SOURCE: Byulleten' izobretaniy i tovarnykh znakov, no. 10, 1965, 81 TOPIC TAGS: dc amplifier, operational amplifier, overload protection, transistorized amplifier ABSTRACT: This Author's Certificate introduces an overload circuit for a dc operational amplifier. The circuit is designed for preventing nonlinear self-oscillation by connecting a limiter with a compensating capacitance to the summing point. The operational stability of the circuit is improved by making the limiter in the form of two transistors of opposite conductivity connected in parallel. The bases of the___ transistors are connected through resistors to the summing point. The collectors are connected to the common point of two additional resistors which connect the input circuit and feedback circuit with the input of the amplifier. The emitters Card 1/3

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<u>L 13609-66</u> EWT(1)/EWA(h)	
ACC NR: AP6002889 SOURCE CODE: UR/0286/65/000/024/0047/0047	
INVENTOR: Grekhov, Yu. N.	•
ORG: none	
TITLE: Self-tuning synchronous filter. Class 21, No. 176997	
SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 24, 1965, 47	
TOPIC TAGS: electric filter, synchronous filter, filter circuit	
ABSTRACT: A self-tuning synchronous filter (see figure) for selecting signals with re- spect to shape is introduced. It consists of a multiplier, an adder stage, delay	
Fig. 1. Self-tuning synchronous filter	
1 - Transformer; 2 and 3 - resistors; 4 and 5 - transistors; 6 - reservoir capacitor;	
7 - dividing capacitance.	•
lines, phase shifters, and limiting amplifiers. To separate a weak quasi-harmonic signal from strong fluctuating background noise and to simplify the multiplier cir- cuit, the latter is designed in the form of two bridge-balanced transistor modulators	
Card 1/2 UDC: 621.372.542.21	



CIA-RDP86-00513R00051663

VIADIMIROVA, Mariya Grigor'yevna; GREKHOVA, Lidiya Ivanovna; ARASHKEVICH, V.M., retsenzent; OKUN', R.M., red.izd-va; LAVRENT'YEVA, L.G., tekhn. red.

> [Harmful substances and the control of their content in the air of gold-recovery plants] Vrednye veshchestva i kontrol¹ soderzhanija ikh v vozduke zolotoizvlekatel'nykh fabrik i zavodov. Moskva, Gosgortekhizdat, 1963. 43 p. (MIRA 16:11)

(Gold---Metallurgy) (Air--Pollution) (Metalworkers--Diseases and hygiene)

•

GRFKHOVA, L.N., inzh.; BELOGINTSEVA, N.V.

Use of a size with polyacrylamide for silk warp slashing. Tekst. prom. 25 no.4:35-36 Ap '65. (MIRA 18:5)

 Nauchno-issledovatel'skaya laboratoriya tekstil'noy fabriki imeni Lakina (for Grekhova).
Master prigotovitel'nogo otdela tekstil'noy fabriki imeni Lakina (for Belogintseva).
GREKPOVA, M. T. and VASIL'Y.V, R. F.

"An electronic micrometer," Zavodskaya laboratoriya, Vol. 12, Nos 9/10, 1946, p 882.

"APPROVED FOR RELEASE: Thursday, July 27, 2000



GRENHOVA, M.	F.			PA 43	/49161		
Apr 49	Produced by the te," Prof M. T. ch Inst, 1 p	uced in 1943. oduced any. They conditions then Only photo- ulfide elements 43/49T61	Apr 5 st	Tracture	, 1,	43/4 <i>9</i> 761	
USCEN/Ingineering Colorimeter Photoelectricity	"Defending the Photocolorimeters Produced Gor'kiy PhysicoTechnical Institute," Prof Grekhova, Dir, Sci Res Physicotech Inst, I "Zavod Lab" Vol XV, No 4	Instruments criticized were, produced in 1943 Since then, Institute has not produced any. were constructed under difficult conditions marshift parts had to be used. Only photo- elements available were silver-sulfide eleme μ_3/μ_9T6i	USSR/Engineering (Contd) made at Acad Sci Ukrainian SSR.	the Warenouse also allected quality Bonts.	•		

LEONTOVICH, M.A., akademik, redaktor; GREKHOVA, M.T., professor, redaktor; AYZERMAN, M.A., doktor tekhnicheskikh nauk, redaktor; GINZEURG, V.A., professor, redaktor; GORELIK, G.S., professor, redaktor; LEONFOVICH-ANIRONOVA, Ye.A., dotsent, redaktor; ZHELETSOV, N.A., dotsent, redaktor; PETROV, V.V., kandidat tekhnicheskikh nauk, redaktor; NIKOLAYEV, Ya.N., dotsent, redaktor; AGITOVA, N.A., redaktor; ERYLEYEV, A.M., redaktor; ALEKSEYEV, T.V., tekhnicheskiy redaktor.

[Dedicated to the memory of Aleksandr Aleksandrovich Andronov] Pamiati Aleksandra Aleksandrovicha Andronova. Moskva, 1955. 718 p. (MIRA 8:4)

1. Akademiya nauk SSSR. (Mathematical physics)(Automatic control)(Astrophysics)

"APPROVED FOR RELEASE: Thursday, July 27, 2000

AVERKOV, S. K.; ANIKIN, V.I; BRAVO-ZHIVOTOVSKIY, D.M.; GAPONOV, A.V.; GREEHOVA, M.T.; YHRGAKOV, V.S.; LOPYREV, V.A.; MILLER, M.A.; FLYAGIN, V.A. Diode oscillator noise source in the three-centimeter band. Radiotekh. i elektron 1 no.6:758-771 Je '56. (NDRA 10:1) (Oscillators, Electron-tube--Noise) (Wave Guides)

"APPROVED FOR RELEASE: Thursday, July 27, 2000 GREKhOUR M.V. SYVOROTKIN, G.S.; DMITRIYEVA, Ye.A.; GREKHOVA, M.V.

Using fertilizers in tree murseries. Trudy TSNII MPS no.129:172-182 157. (Nurseries (Horticulture)) (Fertilizers and manures)

GREKHOVSKIY, F.Y., and BYKOV, A.A.

١.

"Experience in the Use of Seismographic Prospecting Under Winter Conditions in the Kuibyshev Region Along the Volga," Publ in <u>Prospecting and</u> <u>Conservation of Natural Resources</u>, No 2, Feb. 56, pp 36-42.







Sec. Sec.

GREKOV, A. Placement of a double-rate charge on electric power. Erorgetik 12 no.2:27 F '64. (MIRA 17: (MIRA 17:4)

ACC NRI AP7001342	SOURCE CODE: UR/0386/66/004/011/0461/0464
AUTHOR: Fridkin, V. M.; Gorelov,	I. M.; Grekov, A. A.; Lyakhovitskaya, V. A.; Rodin,
A. I. ORG: Institute of Crystallography,	, Academy of Sciences SSSR (Institut kristallografii
	ectric SbSI as the analog of an electric domain in a
• • • • • • • • • • •	i teoreticheskoy fiziki. Pis'ma v redaktsiyu. 461-464
	crystal, antimony compound, ferroelectricity, domain
ABSTRACT: This is a continuation 1966) where a new optic method of SbSI was reported. The method was phase boundaries in SbSI crystals $(l \times 0.1 \times 7 \text{ mm})$. The needle axis made in transmitted light through pendicular to the c axis. The test	of earlier work (Dokl. AN SSSR v. 169, no. 4, 810, observing the phase transition in single-crystal s used in the present work to trace the motion of the grown from the gas phase in the form of needles s was the c axis of the crystal. The observation was parallel pincacoid (100) faces in a direction per- sts showed that a constant electric field applied to boundary to move toward the cathode at a rate 10 ⁻³ al conditions (in the presence of a temperature gra-
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ACC NR: AP7001342					
dient in the absence of an en- boundary were observed, accor of the crystal. It is shown of ferroelectric regions in in a semiconductor. While t ism or the direction of moti tion for both the motion its period of the oscillations a time constant for SbSI. Original	that the obse the crystal, a his analogy do on of the inte self and its os	rved displacen nalogous to th es not fully of erphase boundar cillations.	hents are conn he motion of a determine the ry, it does pu	ected with electric dom concrete me rovide an ex rown that the	motion ains chan- plana-
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	L 15173-63 EWT(1)/EWG(k)/EWP(q)/EWT(m)/BDS/EEC(b)-2 AFFTC/ASD/ESD-3	
	Rz-4 GG/JD/AT/IJP(G) ACCESSION NR: AR3003338 S/0058/63/000/005/E051/E051	
, e	SOURCE: RZh. Fizika, Abs. 5E319	
•	AUTHOR: Grekov, A. A.	
	TITLE: Molecular metallurgy and semiconducting properties of thin layers of alumi-	
	CITED SOURCE: Sb. Materialy 3-y Nauchn, konferentsii aspirantov. Rostovsk. un-t. Rostov-na-Donu, 1961. 130-132	
	TOPIC TAGS: antimonide , aluminum, indium, stoichiometry control, semiconducting property	
•	TRANSLATION: A method is proposed for controlling the stoichiometry of semicon- ductor compounds of the type A ^{III} B with simultaneous evaporation of the components.	
	The entire surface on which the sputtering was carried out was broken up into three sections. The two outer sections were screened by a metallic shutter; on the center section, which has been broken up into a large number of rectangular subsections,	
•	the components were precipitated from molecular beams of regularly varying intensi- ties. The stoichiometry in the middle section and the deviations from stoichiometry	
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on the two ponents of and InSb. minutes in to one ho	NR: AR3003 o sides are on the outer The mixtur n vacuum of ur of anneal	determined fr sections. Th e obtained by 5×10^{-9} mm H ing at 300° C	slow evapor g on glass t (AlSb) or 15	nesses of the s used to obta ation of the c ases at room t 50°C (InSb), as stance of the	emporature, w a result of	ing 3-5 in as subject which the itored	
during th	e synthesis	process. Inc	stance direc	on made it poss otly in the spun. Ye. Givargi	ttering chamb		
			SUB CODE:	PH		ENCL: 00	
DATE ACQ:						ENCL: 00	

3393=66 EWT(d)/EWT(m)/EWP(v)/EWP(t)/1 JD/HW	TTR /01 93 /65 /000 /007 /0006 /0008	
CESSION NR: AT5023377	621.778.06-462 38	
THORS: Pertsikov, Z. I.; <u>Grekov, A. A.</u> <i>14 55</i> TLE: Experience gained in building and u	sing a 150-ton tube drawing machine	
URCE: Byulleten' tekhniko-ekonomicheskoy	informatsii, no. 7, 1965, 6-5	
PIC TAGS: tube drawing, tube drawing mac	hine, pipe manufacture	
STRACT: A 150-ton tube drawing machine h e machine (see Fig. 1 on the Enclosure) a anks (up to 15 tons), opens them, pierces	the tubes, and de-	
ons: drawing speed 17 m/min at 15 tons;	return speed 25 m/min; drawing length	
on the Enclosure) on incline 5 to loadin	station 6 and is pierced and delivered	
o the drawing station (consisting of fram arriage 10). The transfer of the blank i ig. 3 on the Enclosure. The calculated c	same and by the apparatus shown in	

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3393-66 ACCESSION NR:	AP5023377			pri - wrigeneo nell nellen (n. 1917) yn nygeriae affallen		0	
corresponds to a coefficient the		f 570 m/hr ut should	of 8- to 9 approach 10	-m tubes. W 000 tons.	ith a 0.7 u Orig. art.	tilization has: 3	
figures.							
ASSOCIATION: n	one		•				
SUBMITTED: 00		•	ENCL: 03		SUB	CODE: IE	
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Cand 2/5							-







GREKOV, A.A.; PERTSIKOV, Z.I.; SOKOLOVSKIY, N.N.

Introducing an automatic pipe stripper for drawing mills. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. 18 no.10:48 0 '65. (MIRA 18:12)



GREKOV, A.G.; REPIN, I.V.; NOVIKOV, N.V.

Rapid ventilation crosscutting. Shakht. stroi. no.5:23-25 '58. (MIRA 11:6)

1.Kombinat Luganskshakhtostroy. (Mining engineering)

GREKOV, A.G., inzh.; NOVIKOV, N.V., inzh.

Controlling methane emanations during development mining operations. Shakht. stroi. no.6:4-6 '58. (MIRA 11:6)

1.Kombinat Luganskshakhtostry. (Mine gases)

GREKOV, A.G., inzh.; RYBALKIN, G.I., inzh.; NOVIKOV, N.V., inzh.

Stope mining with hydraulic breaking down of the coal and rock. Shakht. stroi. no.12:20-22 D '59. (MIRA 13:3)

1.Kombinat Luganskshakhtostroy. (Hydraulic mining)

GREKOV, A.G.; GUBANOV, M.S.; STOYEV, I.S.; KORNIYEVSKIY, D.N.

Valuable monograph on boring and blasting operations (Boring and blasting operations in mining" by S.O. Mindelli. Keviewed by A.G. Grekov and others). Ugol' Ukr. 4 no. 11:42 M '60. (MIRA 13:12)

1. Machal'nik kombinata Luganskshakhtostroy (for Grekov).
2. Ispolnyayushchiy obyazannosti nachal'nika kombinata
Donbassantratsit (for Gubanov). 3. Glavnyy inzhener tresta
Luganskshakhtoprokhodka (for Stoyev). 4. Zamestitel' nachal'nika kombinata Donbassantratsitshakhtostroy (for Korniyevskiy).
(Mining engineering)
(Mindelli, B.O.)

"APPROVED FOR RELEASE: Thursday, July 27, 2000

CIA-RDP86-00513R00051663

NIKITIN, Mikhail Nikitich; ALESHIN, Petr Antonovich; BRONYAKIN, Viktor Petrovich; ISTOMINA, Tat'yana Ivanovna; GREKOV, Andrey Ivanovich; LIOZNOV, A.G., redaktor; FRANTSUZOV, I.K., retsensent; MERHASOVA, O.I., tekhnicheskiy redaktor

[Construction, assembly and adjustment of automatic looms ATS-9M and AT-175Sh] Ustroistvo, montash i naladka avtomaticheskikh tkatskikh stankov ATS-9M i AT-175Sh. Izd.2-os,perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo Ministerstva tekstil'noi promysh. SSSR, 1955. 211 p. (MIRA 9:3)

(Looms)

"APPROVED FOR RELEASE: Thursday, July 27, 2000

CIA-RDP86-00513R00051663

GREKOV, Andrey Ivanovich; KANIN, Mikhail Vasil'yevich; KUKLIN, P.V., red.; BURYANOV, N.S., tekhn.red.

> [Using agricultural machinery and tractors on collective farms] Ispol'sovanie mashinno-traktornogo parka v kolkhozakh. Stalingrad, Stalingradskoe knishnoe izd-vo, 1960. 36 p.

(MIRA 14:2)

(Agricultural machinery) (Tractors)

"APPROVED FOR RELEASE: Thursday, July 27, 2000

CIA-RDP86-00513R00051663

GREKOV, A.N., inshener; FAYERSHTEYN, A.S., inshener.

Revision of power-rate schedules. Prom.energ.11 no.9:6-9 S '56. (Electric utilities--Rates) (MLRA 9:11)