

Card 1/2

L 52954-55

ACCESSION NR: AP5019555

with dimethylbutylamine. At the same time the duration of heat treatment effects  
with methane foams. The maximum thermal sta-

USMANOV, Z.; KAMENSKIY, I.V.; LOSEV, I.P. [deceased]

Synthesis and study of the products of furfurole condensation  
with higher aliphatic ketones and polymers based on them. Uzb.  
zhur. 9 no.1:47-51 '65.

(MIRA 18:6)

1. Moskovskiy khimiko-tekhnologicheskii institut imeni Mendeleeva.

L 51521-82  
ACCESSION NR: AP5015298  
BT(a)/EPF(a)/EPR/EPF(a)/P - PC-l/Pr-l/Ps-l RM/WN  
UR/0286/65/000/009/0068/0068  
679.621'375  
AUTHOR: Kamenskly, I. V.; Sadykh-zade, S. I.; Guseynov, D. A.; Iskenderov, H. A.;  
Sultanov, R. A.; Mamedov, F. V.  
TITLE: A method for producing resin. Class 39, No. 170670<sup>15</sup>  
SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 9, 1965, 68  
TOPIC TAGS: resin, amide, thermal stability, polycondensation, furfurol

ASSOCIATION: none

SUBMITTED: 21 May 84

NO REF SOV: 000

*ls*  
Card 1/1

ENCL: 00

SUB CODE: RT, GC

OTHER: 000

L 1811-66 EPA(s)-2/EWT(m)/EPF(c)/EWP(j)/T/ETC(m) WW/RM

ACCESSION NR: AP5024500

UR/0191/65/000/010/0014/0015  
678.643'42'5.06-419:677.521

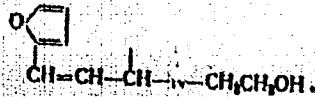
AUTHOR: <sup>44.55</sup> Kamenskiy, I. V.; <sup>44.55</sup> Mamedov, F. V.; <sup>44.55</sup> Korol'kov, Yu. A.

TITLE: <sup>15.44.55</sup> Glass-reinforced plastics with epoxy [(furylacrolidene)amino]ethanol binder <sup>311</sup>  
<sup>B</sup>

SOURCE: <sup>15</sup> Plasticheskiye massy, no. 10, 1965, 14-15

TOPIC TAGS: epoxy plastic, reinforced plastic, heat resistant plastic, curing agent <sup>15</sup>

ABSTRACT: An attempt has been made to raise the relatively low heat resistance of epoxy resins by hardening with a [(furylacrolidene)amino]ethanol oligomer (F-2F): <sup>15</sup>



Experiments showed that the best ED-5 epoxy resin/oligomer ratio is 60/40. The components were mixed at room temperature to formation of a homogeneous mass.

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Card 2/2 <sup>9</sup>

KAMENSKIY, I.V.; LAPITSKIY, V.A.

Synthesis and study of furfurals-furfuramide polymers and plastics  
on their base. Plast. massy no.11:13-16 '65. (MIRA 18:12)

L 19386-66 EW1(D)/EWP(J)/T WW/RM

ACCESSION NR: AP5017849

UR/0286/65/000/011/0080/0080  
678.674

AUTHOR: Konlev, V. K.; Kamenskiy, I. V.; Korshak, V. V.

15  
15  
15

TITLE: A method for producing a binder for plastic. Class 39, No. 171579

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 11, 1965, 80

TOPIC TAGS: plastic, bakelite, phenol-formaldehyde resin 44 55

ABSTRACT: This Author's Certificate introduces a method for producing a binder for plastics based on bakelite. The strength and heat resistance are improved by adding incomplete esters of diethylene glycol and furfuroacrylic acid or a product based on them.

ASSOCIATION: none

SUBMITTED: 19May62

ENCL: 00

SUB CODE: HT, GC

NO REF SOV: 000

OTHER: 000

LJC  
Card 1/1

L 5296-66 EWT(m)/EPF(c)/EWP(j)/T RM  
ACC NR: AF5025017 SOURCE CODE: UR/0286/65/000/016/0080/0080

AUTHORS: Prutkov, L. M.; Polikanin, N. A.; Kamenskiy, I. V.; Sanin, I. K.;  
Kutepov, D. F.; Korshak, V. V.

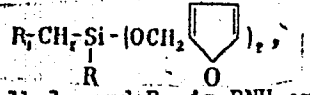
CRG: none

TITLE: A method for obtaining epoxy compositions. Class 39, No. 173926 15

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 16, 1965, 80

TOPIC TAGS: epoxy, nitrogen, hardener, organosilicon, alkyl, aryl, aralkyl

ABSTRACT: This Author Certificate presents a method for obtaining epoxy compositions by applying, as a hardener, an oligomer based on nitrogen-containing organosilicon compounds. To increase the thermal stability of the hardened epoxy compositions, use is made of the oligomers based on aminoalkyldifurfuroloxysilane of the general formula:



where R is alkyl, aryl, or aralkyl, and R<sub>1</sub> is RNH or NH<sub>2</sub>.

Card 1/2

UDC: 678.643.002.2:678.028.84



L 5296-86

ACCESSION NR: AP5025017

SUB CODE:MT,CC,GC/ SUB DATE: 17Aug64/ ORIG REF: 000/ OTH REF: 000

*OC*  
Card 2/2

L 16170-66 EWT(m)/EWP(j)/T RM

AGC NR: AP5025430

SOURCE CODE: UR/0291/65/000/004/0035/0039

AUTHOR: Usmanov, Z.; Kamenskiy, I. V.; Losev, I. P. ((deceased))

ORG: NIIKHTD

TITLE: Synthesis and investigation of condensation products of furfural and higher aliphatic ketones and of the corresponding polymers. 6. Investigation on the curing process of furfural-methyl isopropyl ketone and furfural-methyl isobutyl ketone condensation products

SOURCE: Usbekskiy khimicheskiy zhurnal, no. 4, 1965, 35-39

TOPIC TAGS: aliphatic ketone, chlorinated aliphatic compound, ketone, polymer, condensation reaction, catalytic polymerization

ABSTRACT: The title condensation products (I and II, respectively) were synthesized by the methods applied by Kasiwagi (J. Bull. chem. Soc. Japan, 1, No 5, 90(1926) and by Wienhaus and Leonhardi (C. N 1, 224, 1930). The polymerization was carried out at 80-85 and at 115-120C, in the presence of 5-15% of benzenesulfonic acid as catalyst. The latter was added to the monomer at room

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L 16170-66

AGC NR: AP5025430

temperature, without a solvent. The duration of the process depended on the amount of the catalyst and on the temperature. I was an orange oil which contained C 73, H 7, and had  $d_4^{20}$  1.02,  $n_D^{20}$  1.558, b.p. 118-121C/8-9 mm; II was a yellow liquid, C 74.1, H 7.8,  $d_4^{20}$  1.01,  $n_D^{20}$  1.5518, b.p. 119-122/7. The polymerization of I and II occurs in 3 stages. In the 1st and in the 2nd stages solidification is accompanied by saturation of the ethylene group. In the case of II this is accompanied by a partial condensation of the CO with H atoms of the CH<sub>2</sub> group and separation of 0.09 mole H<sub>2</sub>O. The 3rd stage occurs owing to further condensation of the CO with the  $\alpha$ -H of the furan ring and the CH<sub>2</sub> group. The formation of a dense space structure results in a good thermal stability (up to 250C for I and up to 200C for II). It is shown that formation of polymers from iso alkyl ketones requires more severe conditions than those needed when normal ketones are used. Orig. art. has: 3 figures and 3 tables.

SUB CODE: 07/ SUBM DATE: 24Jul63/--- ORIG REF: 1005/SOOTH REF: 1007A. 001

Card

2/2

L 22744-66 EWT(m)/HWP(i) IJP(c) RM

ACC NR: AP6006333 (A) SOURCE CODE: UR/0413/66/000/002/0093/0093

AUTHOR: Kamenskiy, I. V.; Lapitskiy, V. A.; Ukhinov, V. A.; Lomov, Yu.M.; Itinskiy, V. I.

ORG: none

TITLE: ~~5.94~~ Modification of rubber. Class 39, No. 178093<sup>6</sup>

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 2, 1966, 93

TOPIC TAGS: rubber, furan resin, thermomechanical property, chemical resistant material

ABSTRACT: This Author Certificate describes a method for modifying rubber by combining it with resins. To raise both the thermal and chemical resistance of the final product, the use of a resin of the furan series containing an ionic-type catalyst is suggested. The reaction mixture is subjected to thermal treatment at 80--200C. Organic sulfonic acids, metal chlorides and mineral acids are proposed for use as catalysts.

[LD]

SUB CODE: 11/ SUBM DATE: 23Jan63

Card

1/1 *over*

UDC: 678.046.7:547.724.1

*46  
B*

*2*

ACC NR: AP6006538

(A)

SOURCE CODE: UR/0191/65/000/011/0013/0016

AUTHORS: Kamenskiy, I. V.; Lapitskiy, V. A.

22  
21

ORG: none

TITLE: Synthesis and study of furfural-furfuramide polymers and of plastics based on them

B

SOURCE: Plasticheskiye massy, no. 11, 1965, 13-16

TOPIC TAGS: polymer, thermoplastic material, thermosetting material, polymer chemistry, condensation reaction, furane resin

ABSTRACT: This paper discusses the results of producing and studying thermo-setting polymers from the thermal-condensation products of furfural in the presence of furfuramide. Condensation is accelerated as the molar ratios of the reagents approach 1:1 (see Fig. 1). The furfuramide polymer (FD)<sup>B</sup> behaves as a thermoplastic product up to 300C, while polymers FF-1<sup>B</sup> and FF-2<sup>B</sup> are thermosetting (see Fig. 2). The optimum conditions for making molded articles are determined. A molding composition is 45 pts by wt polymer FF-1 (containing 5% benzosulfo acid), 53 pts by wt mineral filler, and 2 pts by wt of grease. Preheating at 200C for 60

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UDC: 678.625'375

1. 397 39-46

ACC NR: AP6006538

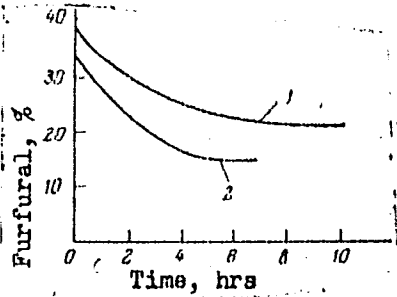


Fig. 1. Variation in free-furfural content in reacting mass in condensation stage: 1 - polymer FF-1; 2 - polymer FF-2.

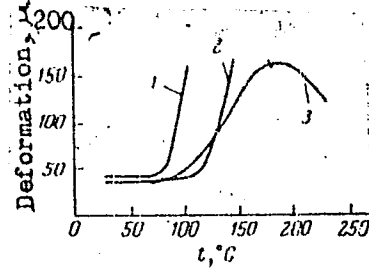


Fig. 2. Thermomechanical curves of FF-1 subjected to preliminary heat treatment: 1 - at 160C for 60 min; 2 - 200C for 30 min; 3 - 200C for 60 min.

min was found to give the best results. The molded articles showed high stability at 20C and at the boiling point in weak and in concentrated solutions of potassium hydroxide and hydrochloric acid. Orig. art. has: 3 graphs and 7 tables.

SUB CODE: 11, 07 SUBM DATE: none/

ORIG REF: 007

Card 2/2 *LS*

L 44369-66 EWT(m)/EWP(j)/T IJP(c) RM/WW

ACC NR: AP6023061

(A)

SOURCE CODE: UR/0191/66/000/004/0022/0023

AUTHOR: Renard, T. L.; Korshak, V. V.; Kamenskiy, I. V.; Tseytlin, G. M.; Belova, M. P.; Kafanova, V. F.; Avtokratova, N. D.

ORG: none

TITLE: Polytetramethylolcyclopentanone and glass-textolite based on it

SOURCE: Plasticheskiye massy, no. 4, 1966, 22-23

TOPIC TAGS: glass textolite, polyester plastic, maleic anhydride, ketone, IR spectrum

ABSTRACT: Thermomechanical properties of unsaturated polyester oligomers (UPO) prepared by fusing 2,2,5,5-tetra(oxymethyl)-cyclopentanone with maleic anhydride were studied. The fusion was carried out at 150°C in an inert gas and the liberated water was continually removed from the reaction zone. The physicochemical properties of glass textolites based on several commercial glass cloths and UPO were examined and tabulated. The unsaturated polyester oligomers were hardened by holding at 120-250°C for 0.5-10 hrs. It was found that the lower the hardening temperature, the lower the temperature of initial deformation and the percentage of insoluble matter. At 200°C, a complete hardening was achieved in 30 minutes. The structure of the unsaturated polyester oligomers hardened at 200°C for 0.5-6 hours was determined from IR spectra. Orig. art. has: 3 figures, 2 tables.

SUB CODE: 11,07/

SUBM DATE: none/

ORIG REF: 006/

OTH REF: 002

Card 1/1 hs

UDC: 678.744.342 : 678.5.06 : 677.521

44  
B

L 45708-66 EWT(m)/EWP(j)/T IJP(c) RM  
ACC NR: AR6026773 SOURCE CODE: UR/0081/66/000/008/S063/S063

AUTHOR: Solov'yeva, L. K.; Kamenskiy, I. V.; Korshak, V. V. 416  
5

TITLE: Determination of the influence of admixtures and heat treatment on the degree of curing and thermomechanical characteristics of a plastic prepared from epoxy polymers and a mineral filler 13

SOURCE: Ref. zh. Khimiya, Part II, Abs. 8S417

REF SOURCE: Tr. Mosk. khim-tekhnol. in-ta D. I. Mendeleeva, vyp. 48, 1965, 218-219

TOPIC TAGS: epoxy plastic, thermomechanical property, filler, plasticizer

ABSTRACT: The degree of curing (content of extractable substances), which characterizes the process and order of formation of three-dimensional structures of compositions based on an epoxy binder, was investigated by extracting with acetone in a Soxhlet extractor for 6 hr and studying the thermomechanical curves recorded with a Zhurkov instrument. Into the composition, based on (in parts by weight) 3 parts of ED-5 resin cured at 20° for 1.5-2 hr and 0.45 part of polyethylenepolyamines, were introduced 1 part of fiber glass, 1 part of asbestos and a plasticizer (PL), 0.15-0.6 dibutyl phthalate. The effect of heat treatment was studied by preheating in a thermostat (5 hr at 50°, 10 hr at -50°, and 6 hr at -120°). It was found that additional heat treatment of the samples sharply lowers the content of extractable substances (e. g., in the sample without PL it dropped from 5.4 to 2.3%) and creates a compact

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UPC



L 45708-66

ACC NR: AR6026773

structure, which is manifested in a decrease of the initial deformation and a rise of the temperature at which it starts. The presence of PL in the compositions insures a uniform distribution of the components in the mixture and increases the amount of extract. A rise of the PL content increases the deformation and lowers the temperature of the start of its increase. Further heating of the samples (6 hr at 200°) does not affect the content of extractable substances or the magnitude of deformation. L. Kotlyarevskaya. [Translation of abstract]

SUB CODE: 07

Card 2/2 UCR

ACC NR: AP6030846

SOURCE CODE: UR/0191/66/000/009/0017/0020

AUTHOR: Kamonskiy, I. V.; Avtokratova, N. D.; Belova, M. P.

ORG: none

TITLE: Behavior of phenol-formaldehyde plastics on heating

SOURCE: Plasticheskiye massy, no. 9, 1966, 17-20

TOPIC TAGS: phenolic resin, fiber glass, thermal decomposition

ABSTRACT:

The results of a Soviet study on the high-temperature behavior of phenolic plastics have been reported. Introductory comments are explicit concerning the ablative heat shield orientation of this work.

Specimens of resin-stage resins and of glass-reinforced plastics made from them were prepared using phenol/formaldehyde ratios of 6/7 (resin designated R-21) or 1/2 (resin R-12) in the presence of appropriate catalysts. Alkali-free glass fabric was used as the reinforcement in the plastics (designated St-21 and St-12, respectively).

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ACC NR: AP5030846

Thermogravimetric curves of the resit specimens showed that in the 100--300°C range, weight loss and decomposition rate are low; the weight loss is 2.08% for R-21 and 7.4% for R-12. However, at above 300°C, the decomposition rate increases and it is highest at 450--520°C. Also at 450--520°C, differential thermal analysis curves show peaks which indicate that the decomposition taking place is exothermic. At higher temperatures, decomposition slows down and is not associated with thermal effects. At 900°C (the highest temperature), the weight loss is 46.9% for R-21 and 52.4% for R-12.

Unilateral heating of the resit specimens with an oxyacetylene flame under normal conditions (no excess oxygen; distance from burner, 30 mm) showed that R-12 gives off more volatiles than R-21: after 30 sec of exposure, the respective weight losses were 23.5 and 20.6%. However, the reverse was true after removal of the char layers (6.4 and 7.9 mm deep): the weight loss figures were 30.1 and 38.4%, respectively. These data indicate the slower decomposition of R-12, under the experimental conditions, which is attributed to the heat shield effect of evolving volatiles.

In the case of the reinforced plastics, unilateral heating with

Card 2/4

ACC NR: AP6030846

the oxyacetylene flame showed that St-12 decomposes slower than St-21 (see table). These results indicate the higher heat shield efficiency of R-12 due to its lower percentage of char (46.5 versus 64.5) by the lower temperature drop across St-12 specimens than across St-21 specimens on unilateral heating with the oxyacetylene flame.

Table 1. Results of tests involving the exposure of St-21 and St-12 glass-reinforced phenolic plastics to oxyacetylene flame

Designation	Binder	Specimen thickness, mm	Exposure time, sec	Char depth, mm	Char-ring rate, mm/sec	Wt. loss, %	
						Before Char layer removal	After Char layer removal
St-21	R-21	10.15	20	1.42	0.071	7.1	11.58
		10.1—10.2	30	2.43	0.081	8.65	13.65
			60	4.84	0.081	9.10	15.31
St-12	R-12	10	20	1.3	0.065	6.4	10.15
		9.9—10.1	30	2.01	0.067	8.2	12.98
			60	3.90	0.065	8.7	13.60

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ACC NR: AP6030846

After 70 sec of exposure, the temperature of the opposite side of an St-12 specimen  $6 \pm 0.5$  mm in thickness rises to only  $180^{\circ}\text{C}$ , while in the case of St-21 this temperature reaches  $250^{\circ}\text{C}$ . Orig. art. has: 5 figures and 7 tables. [FSB: v. 2, no. 11]

SUB-CODE: 11 / SUBM DATE: none / ORIG REF: 002 / OTH REF: 009

Card 4/4

ACC NR: ARG032314

SOURCE CODE: UR/0081/66/000/010/S035/S035

AUTHOR: Solov'yeva, L. K.; Korshak, V. V.; Kamenskiy, I. V.; Taurina, O. F.

TITLE: Epoxy polymers with increased thermal stability

SOURCE: Ref. zh. Khimiya, Part II, Abs. 10S239

REF SOURCE: Tr. Mosk. khim-tekhnol. in-ta im. D. I. Mendeleeva, vyp, 48, 1965, 214-217

TOPIC TAGS: thermal stability, polymer, epoxy polymer

ABSTRACT: Epoxy polymers were synthesized on the basis of phenolphthalein anilide, epichlorohydrin or dicyclopentadiendioxide. A study was made of the properties of the polymer with both linear and three-dimensional structures. It was found that the epoxy polymer has a higher thermal stability (up to 300C) than polymers from 4,4 dioxydiphenylpropane(ED-5). [Translation of abstract]

SUB CODE: 07/

7 15

Card 1/1

ACC NR: AP6029049

(A)

SOURCE CODE: UR/0413/66/000/014/0080/0080

INVENTORS: Renard, T. L.; Tseytlin, G. M.; Kamenskiy, I. V.; Korshak, V. V.;  
Lyashevich, V. V.

ORG: none

TITLE: A method for obtaining unsaturated polyester resins. Class 39, No. 183934  
[announced by Moscow Institute of Chemical Engineering im. Mondeloyov (Moskovskiy  
Khimiko-tekhnologicheskii institut)]

SOURCE: Izobret prom obraz tov zn, no. 14, 1966, 80

TOPIC TAGS: resin, polyester <sup>resin</sup> ~~plastic~~, polycondensation

ABSTRACT: This Author Certificate presents a method for obtaining unsaturated polyester resins by polycondensation of a heated hydroxyl-containing component with an unsaturated acid (or with its anhydride). To enlarge the assortment of fire-resisting polyesters characterized by thermal resistance and radiation stability, dichlorhydrin 2,2,5,5-tetra(hydroxymethyl) cyclopentanone is used as a hydroxyl-containing component.

SUB CODE: 11/      SUBM DATE: 29May65

Card 1/1

UDC: 678.674

L 10419-67 EWT(m)/EWP(j) IJP(c) RM  
ACC NR: AP6029910 (A) SOURCE CODE: UR/0413/66/000/015/0088/0088

AUTHORS: Mironov, Yu. V.; Kamenskiy, I. V.; Korshak, V. V.; Glasko, S. A. 22

ORG: none

TITLE: A method for hardening unsaturated polyester resins. Class 39, No. 184442 15

SOURCE: Izobret prom obraz tov zn, no. 15, 1966, 80

TOPIC TAGS: polyester, resin, copolymer, polyester plastic

ABSTRACT: This Author Certificate presents a method for hardening unsaturated polyester resins by copolymerizing them with cross-linking agents in the presence of an oxidizing-reducing system. To increase the resistance to deformation and the mechanical strength of the hardened polyesters at high temperatures, poly-functional furane compounds (such as furfurylacrylate) are used as cross-linking agents.

SUB CODE: 0711/ SUBM DATE: 21Apr65

Card 1/1 670

UDC: 678.674.028.294



ACC NR: AP7000337 (A) SOURCE CODE: UR/0413/66/000/022/0094/0095

INVENTOR: Prutkov, L. M.; Kamenskiy, I. V.

ORG: none

TITLE: Method of manufacturing high-temperature oxidation-resistant phosphor containing furan resins. Class 39, No. 188672

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 22, 1966, 94-95

TOPIC TAGS: furan resin, phosphorus chloride, phosphonic acid

ABSTRACT: A method has been introduced for obtaining high-temperature oxidation-resistant phosphor-containing furan resins by heating with furan derivatives and phosphor-containing compounds. In order to obtain a wider variety of resins, furfuralcohol, furfurool, and furfurylidenaminoethanol as well as phosphorus oxychloride, diacid chloride of methylphosphinic acid, and triethylphosphate are used. [Translation] [KP]

SUB CODE: 11/SUBM DATE: 02Mar63/

Card 1/1

UDC: 678.85:547.722

L 44294-66 EWT(m)/EWP(j)/T IJP(c) WW/RM

ACC NR: AP6011282 (A) SOURCE CODE: UR/0413/66/000/006/0159/0159

INVENTOR: Korshak, V. V. ; Kamenskiy, I. V. ; Sanin, I. K.

15  
B

ORG: none

TITLE: Preparation of resin with furfurylhydroxysilanes.<sup>15</sup> Class 39, No. 149882<sup>15</sup>

SOURCE: Isobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 6, 1966, 159

TOPIC TAGS: resin, furfurylhydroxysilane, heat resistant polymer

ABSTRACT: This Author Certificate introduces a method for preparing furfurylhydroxysilane resins. To extend the variety of heat-resistant polymer materials with controlled viscosity, furfurylhydroxysilanes are heat-treated in the presence of peroxide-type initiators and ionic catalysts and then distilled by conventional methods. [LD]

SUB CODE: 11/ SUBM DATE: 10Sep61/

Card 1121 R

SOLOMKIN, P.S., prof.; TROKHIN, V.K.; IVASHCHENKO, S.A.; VASIL'KOV, G.V.;  
KAMENSKIY, I.V.; MELEKHIN, P.I.

Reviews. Veterinariia 41 no.7:112-114 J1 '64.

(MIRA 18:11)

VASILEV, G.V., kand. veterin. nauk; KAMENSKIN, J.V., mladshiy nauchnyy  
sootrudnik; BIRYUKOVA, I.P., ~~akademika~~ ~~nauchnyy~~ ~~sootrudnik~~ ~~setrudnitsa~~

Epi-zootic state of some bodies of water and reservoirs in Moscow Province.  
Veterinariia 41 no.12:41-42 D '64. (MIRA 18:9)

1. Vsesoyuznyy institut gel'mintologii imeni akademika K.I.Skryabina.

KAMENENKIY, I.S.; VASHIL'KOV, G.V.

Some data on the epizootiology of Posthodiplostomum infestation of  
fishes in the lower Volga River. Trudy Astr. zap. no.9:153-163 '64.  
(MIRA 18:10)

MOSTOVOY, A.B.; BIDL'YA, P.N.; KAMENSKIY, L.A.

Effect of heating on the heterogeneity of steel castings.  
Lit. proizv. no.4:32 Ap '64.

(MIRA 18:7)

KAMENSKIY, L.V.

Dimensions and design of frame furniture. Der. prom. 10  
no.8:4-6 Ag '61. (MIRA 14:8)  
(Furniture)

ZAKHAROVA, K., rabotnitsa; PREGUDOVA, M., rabotnitsa; BARANOVSKAYA, A.,  
rabotnitsa; KAMENSKIY, M.

Subsidiary work should be mechanized too. Rabotnitsa 36 no.5:25  
My '58. (MIRA 11:5)

1. Voronezhskiy shinny zavod (for Zakharova, Peregudova, Baranovskaya).
2. Tekhnicheskiy inspektor Voronezhskogo oblastnogo soveta profsoyuzov  
(for Kamenskiy).

(Tire, Rubber)

(Efficiency, Industrial)



KAMENSKIY, M.

"How the plant became profitable" by I. M. Ektov. Reviewed by  
M. Kamenskii. Metallurg 6 no.4:39 Ap '61. (MIRA 14:3)

1. Zamestitel' nachal'nika tekhnicheskogo otdela Stalinskogo  
metallurgicheskogo zavoda.  
(Stalino—Metallurgical plants)  
(Ektov, I. M.)

KAMENSKIY, M.

Using new techniques. Metallurg 7 no.11:13-16 N '62.  
(MIRA 15:10)

1. Zamestitel' nachal'nika tekhnicheskogo otdela Donetskogo zavoda.

(Donetsk—Iron and steel plants)

KAMENSKIY, M.; OTERIN, D.

University of technical progress. Metallurg 10 no.6:36-37  
Je '65. (MIRA 18:6)

1. Zaveduyushchiy uchebnoy chast'yu Universiteta tekhnicheskogo progressa na Donetskoy metallurgicheskoy zavode (for Kamenskiy).
2. Chlen noveta Universiteta tekhnicheskogo progressa na Donetskoy metallurgicheskoy zavode (for Oterin).

KAMENSKIY, M. A.; OFENGENDEN, A. M.

Mr., Stalin Metal Factory & Factory im. Serov, -c1948-.

"The use of Martinite for welding the grating on Martin furnaces," Stal',  
No. 7, 1948

C A KAMENSKIY, M. A.

Use of martenite for open-hearth furnace bottoms. M. A. Kamenakii and A. M. Zhegarden. *Stal* 8, 503-7 (1948).—Martenite, a synthetic refractory material, was tested with good results for sintering bottoms. The approx. compn. (variable) of martenite was SiO<sub>2</sub> 5.2, Al<sub>2</sub>O<sub>3</sub> 2.1, Fe<sub>2</sub>O<sub>3</sub> 10.5, CaO 13.0, MgO 06.5 (ignition loss 2.3%). Martenite is sintered faster than magnesite, thereby reducing repair time. It is fully as wear resistant as magnesite and has no effect on the compn. or fluidity of the melt. Martenite is also suitable for hot patching. When patching the entire bottom it is advisable to sinter the layer of magnesite and then the successive layers of martenite. M. Hosh

*Kamenskiy, M.A.*

130-12-9/24

AUTHORS: Kamenskiy, M.A., Pokrass, L.M. and Gerchikov, D.S., Engineers.

TITLE: Carbon-paste Steel-tapping Runners (Stalevypusknyye zheloba iz uglerodistoy massy)

PERIODICAL: Metallurg, 1957, No.12, pp. 17 - 19 (USSR).

ABSTRACT: The author mentions some difficulties of maintaining clay-lined steel-tapping runners and describes one lined with a carbon mass. This was introduced at the Stalinsk Metallurgical Works at the suggestion of M.A. Kamenskiy and V.Ya. Gritsayenko, the composition of the mass being 40-42% coke fines, 25-27% type 4R clay, 13% coal-tar pitch, 20% fireclay powder. Only the replaceable part of the runner system is rammed with the carbon paste.  
There are 2 figures.

ASSOCIATION: Stalino Metallurgical Works (Stalinskiy metallurgicheskiy zavod)

AVAILABLE: Library of Congress  
Card 1/1

KAMENSKIY, M.A. [Kamens'kiy, M.A.], inzh.

Steel changes its route. Znan. ta. pratsia no. 12:8-9 D '60.

(MIRA 14:4)

1. Zamestitel' nachal'nika tekhnicheskogo otdela Stalinskogo metallurgicheskogo zavoda.

(Steel industry) (Automation)

KANENSKIY, Mikhail Aronovich; OFENGENDEN, Abram Mikhaylovich;  
FOKLIASS, Leonid Moiseyevich; YASTREBTSSEV, Iosif  
Fedorovich

[Open-hearth furnace hearth bottom] Podina martenovskoi  
pechi. Moskva, Metallurgiya, 1965. 88 p. (MIRA 18:7)



1. KAMENSKIY, M. D.
2. USSR (600)
4. Agriculture - Study and Teaching
7. Colored film strips on "What's new in agriculture." Dost. sel'khoz. no. 1, 1952

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

KAMENSKIY, M. D. Prof. Dr. Tech. Sci.

"In Memory of Aleksandr Ale ksandrovich Vul'f," Elektrichestvo, No.4, 1949

KAMENSKIY, M.D.; GOLINETS, M.V., redaktor; ZABRODINA, A.A., tekhnicheskiy redaktor.

[Electric systems] Elektricheskie sistemy. Izd. 2-oe, perer. i  
dop. Leningrad, Gos. energeticheskoe izd-vo, 1952. 248 p. [Photostat]  
(Electric networks) (MIRA 8:2)

KAMENSKIY, M. D.

USSR/Electricity - Personalities

Aug 52

"Professor L. R. Neyman: on His 50th Birthday," A. A. Gorev, P. N. Goryunov, I. A. Zaytsev, A. M. Zaleskiy, M. D. Kamenskiy, M. P. Kostenko, A. G. Lur'ye, M. M. Mikhaylov, M. A. Shatelen, Ye. G. Shramkov

"Elektrichestvo" No 8, pp 92-93

Reviews Neyman's scientific, administrative, and educational work, and organizational affiliations. Specifies following as principal fields of his scientific activity: investigation of phenomena in nonlinear elec circuits with iron; special problems of elec measurements; electromagnetic processes in converter installations for transmission of high-voltage dc power; and elec modeling of nonlinear processes in aerohydrodynamic systems.

235T48

KAMENSKIY, H. D.

USSR/Electricity - Scientists

Feb 53

"Professor A. H. Zalesskiy (In Connection with His 60th Birthday)," H. A. Shatelen, L. P. Newman, H. P. Kostenko, I. A. Zaytsev, Ye. S. Shrankov, H. D. Kamenskiy, B. I. Donatovich, V. A. Dolynakov, V. T. Renno, V. P. Andreyev, L. M. Piotrovskiy, B. H. Mikhailov, G. A. Kukulov, Yu. A. Sabinin

Elek-vo, No 2, p 94

Accounts chief events in professional life of Prof Aleksandr Mikhaylovich Zalesskiy, born 27 Nov 1892. Long active in field of high-voltage techniques, he has been Chairman of Administrative Board of VNIIE since 1945.

PA 248T29

KAMENSKIY, M.D., doktor tekhnicheskikh nauk, professor, zaveduyushchiy.

Remarks on a letter of the chair of electric networks and systems of the  
Moscow Institute of Electrical Engineering. Elektrichestvo no.10:86 0 '53.  
(MLRA 6:10)

1. Kafedra elektricheskikh setey i sistem Leningradskogo politekhnicheskogo  
instituta im. Kalinina. (Electric engineering)

KAMENSKIY, M.D. [author]; KONSTANTINOV, B.A., inzhener; NIKOGOSOV, S.H., kandidat  
tehnicheskikh nauk; KholmSKIY, V.G., kandidat tekhicheskikh nauk; AYKEN-  
BERG, B.L., kandidat tekhicheskikh nauk; BYKOV, N.G., inzhener [reviewers].

"Electric systems." M.D.Kamenskii. Reviewed by B.A.Konstantinov, S.H.  
Nikogosov, V.G.KholmSkii, N.G.Bykov. Elek.sta. 24 no.9:62-64 S '53.  
(MIRA 6:8)

(Kamenskii, M.D.) (Electric networks)

KAMENSKIY, M. D.

AID P - 4130

Subject : USSR/Electricity  
Card 1/2 Pub. 27 - 17/33  
Authors : Kamenskiy, M. D., Doc. Tech. Sci., and B. L. Ayzenberg, ~~Kand.~~ Tech. Sci.  
Title : Technical and economic calculations of city cable networks. (Discussion of the article of V. A. Kozlov, this journal, No. 11, 1954).  
Periodical : Elektrichestvo, 12, 66-67, D 1955  
Abstract : The authors point out several mistakes in the article by V. A. Kozlov on: "Technical and economic calculation of city cable networks". These mistakes led to incorrect conclusions and unacceptable recommendations. In particular, V. A. Kozlov attributed a wrong value to his coefficient of distribution ( $2\sqrt{3}$  instead of  $\sqrt{3}$ ), which led to several further mistakes. His economic criteria are not based on generally accepted standards



Subject : USSR/Power Engineering AID P - 3328  
Card 1/1 Pub. 26 - 14/28  
Author : Kamenskiy, M. D., Dr. Tech. Sci.  
Title : On formulae for computing voltage in high voltage networks  
Periodical : Elek. sta., <sup>26</sup>8, 43-44, Ag 1955  
Abstract : A mathematical analysis of two groups of formulae. Four Russian references, 1932-1954.  
Institution : None  
Submitted : No date

8 (3)

SOV/112-57-5-10042

Translation from: Referativnyy zhurnal. Elektrotehnika, 1957, Nr 5,  
pp 62-63 (USSR)

AUTHOR: Kamenskiy, M. D.

TITLE: New Methods of Loss Computation in High-Voltage Closed and Branched  
Networks (Novyye metody podscheta poter' v vysokovol'tnykh zamknutykh i  
razvetvlennykh setyakh)

PERIODICAL: Tr. Leningr. politekhn. in-ta, Nr 184, 1956, pp 238-249

ABSTRACT: On the basis of a great number of calculations, it has been established  
that a line with 4-5 arbitrarily placed loads can be considered, from the loss-  
determination standpoint, as a uniformly-loaded line; this rule can be extended  
over extensively branched and closed high-voltage networks. Power losses can

be determined from the formula  $\Delta P_{\alpha} \% = \frac{0.667 \Delta U_{\alpha} \%}{\cos \varphi_2}$ , where  $\Delta U_{\alpha} \%$   
(voltage drop) and  $\Delta P_{\alpha} \%$  are referred to the line-end voltage and power.

Card 1/3

SOV/112-57-5-10042

**New Methods of Loss Computation in High-Voltage Closed and Branched Networks**

The coefficient  $k_a$  takes into account the voltage drop due to the resistive component of the load. If a number of open lines are fed from one point, the end voltages of the lines will differ from each other by  $\pm 3\%$ , which permits considering them as a bunch of parallel lines having an end voltage equal to the arithmetic mean of their actual receiving-end voltages. In the presented samples of computing the power losses in spur and closed 35-kv networks, the discrepancy with exact calculations does not exceed 3%. Under actual computation conditions, this error may reach 5-7%, but it will not exceed the error of other simplified methods. The above method can also be used for computing power losses in two-voltage networks (for example, 35 and 110 kv). To determine power losses in branched cable networks of 6 and 10 kv, the equivalent network resistance  $r_e$  is calculated under uniform load-distribution conditions. The power loss can be determined as a product of  $r_e$  and the square of the line sending-end current. The use of  $r_e$  holds true for closed 110-kv networks.

Card 2/3

SOV/112-57-5-10042

New Methods of Loss Computation in High-Voltage Closed and Branched Networks

Loss integrating meters can be used to determine energy losses, not only in transformers but also in a network, if the reading over a definite period is multiplied by  $r_e$ .

O.V.O.

Card 3/3

*KAMENSKIY, M. D.*

AYZENBERG, Boris L'vovich; VOLOTSKOY, Nikolay Vasil'yevich; IVANENKOV, Mikhail Nikolayevich; KAMENSKIY, Mikhail Davidovich; KEZEVICH, Vasil'y Vasil'yevich; MEDVEDSKIY, Nikolay Ivanovich; NIKOGOSOV, S.N., red.; MELIKHT'YEVA, Ye.A., red.; SOBCEVA, Ye.M., tekhn. red.

[Municipal electric systems; fundamentals of design and construction] Gorodskie elektricheskie seti; osnovy postroeniia i proektirovaniia. Moskva, Gos. energ. izd-vo, 1958. 328 p.  
(Electric power distribution) (MIRA 11:9)

KREKHIZHANOVSKIY, G.M.; SHATELEN, M.A.; VINTER, A.V.; KOSTENKO, M.P.; POPKOV,  
Y.I.; HEYMAN, L.R.; BOLOTOV, V.V.; KAMENSKIY, M.D.; ZALESSKIY, A.M.;  
USOV, S.V.

A.A. Morozov; obituary. Elektrichestvo no.12:88-89 D '56.  
(Morozov, Aleksandr Aleksandrovich, d. 1956) (MIRA 11:3)

KAMENSKIY, M.D.

Cities of the Soviet Union as consumers of electric power. Trudy  
LIEI no.33:5-19 '60. (MIRA 14:8)  
(Electric power distribution)

SYROMYATNIKOV, I.A.; NEKRASOV, A.M.; LEBEDEV, A.A.; KOSTENKO, M.P.;  
NEYMAN, L.R.; VASIL'YEV, D.V.; KAMENSKIY, M.D.; USOV, S.V.;  
POSSE, A.V.; UL'YANOV, S.A.; FAZYLOV, Kh.F.

Professor N.N. Shchedrin; on his seventieth birthday and fortieth  
anniversary of his educational work. Elektrichestvo no.1:9/4-  
95 Ja '62. (MIRA 14:12)

(Shchedrin, Nikolai Nikolaevich, 1891-)



BESSONOV, L.A.; DOMANSKIY, B.I.; DROZDOV, N.G.; D'YACHENKO, N.Kh.;  
ZHEKULIN, L.A.; ZAYTSEV, I.A.; ZALESSKIY, A.M.; KAMENSKIY, M.D.;  
KOSTENKO, M.P.; LEBEDEV, A.A.; LOMONOSOV, V.Yu.; MITKEVICH, A.V.;  
SMIRNOV, V.S.; TOLSTOV, Yu.G.; USOV, S.V.; SHRAMKOV, Ye.G.

L.R. Neiman; on his 60th birthday and the 35th anniversary of  
his educational work. Elektrichestvo no.6:93-94 Je '62. (MIRA 15:6)  
(Neiman, Leonid Robertovich, 1902-)

KOSTENKO, M.V.; NEYMAN, L.R.; MELENT'YEV, L.A.; KAMENSKIY, M.D.; BOLOTOV,  
V.V.; ZALESSKIY, A.M.; USOV, S.V.; SHCHEDRIN, N.N.; GERASIMOV, V.N.;  
DUBINSKIY, L.A.

B.L.Aizenberg; on his 60th birthday. Elektrichestvo no.11:94  
N '62. (MIRA 15:11)  
(Aizenberg, Boris L'vovich, 1902--)

KAMENSKIY, M.D., doktor tekhn. nauk, prof.; AYZENBERG, B.L., doktor  
tekhn. nauk, prof.

Review of S.D. Volobriniskii, M.V. Kudriavtsev, and V.N.  
Stepanov's book "Electrical networks and power systems."  
Elektrichestvo no.11:88-89 N '63. (MIRA 16:11)

KAMENSKIY, M.D.

Determination of necessary equipment, materials, and monetary expenditures in the construction and expansion of municipal electric power distribution networks. Trudy LIEI no.41:22-28 '62.  
(MIRA 17:6)

1. Leningradskiy politekhnicheskii institut imeni Kalinina.

KAMENSKIY, M.D.; BUKHAYLOVA, V.I.

Calculation of distribution coefficients of complex power systems  
using a transformation method. Trudy IPI no.242:3-14 '65.  
(MIRA 18:8)

AYZENBERG, B.I.; BOLOTOV, V.V.; BRIL', R.Ya.; GERASIMOV, V.N.; GREKOV, V.I.;  
DOVETOV, M.Sh.; KAMENSKIY, M.D.; KLEBANOV, L.D.; KONSTANTINOV, B.A.;  
KUZ'MIN, V.G.; LYUBAVSKIY, V.I.; MELENT'YEV, L.A.; MIKHALEV, M.N.;  
POLYANSKIY, V.A.; RAZDROGINA, L.A.; SIVAKOV, Ye.R.; STARIKOV, V.G.;  
SAVASHINSKAYA, V.I.; SHAYOVICH, L.L.

Igor' Valentinovich Gofman, 1903-1963; obituary. Trudy LIEI  
no.51:3-4 '64. (MIRA 18:11)

KAMENSKIY, M.D.

(Soviet author's name in Cyrillic)

Forty years of practical formulas for determining the number of transformer points in municipal electrical networks. Trudy LIEI no.51:316-324 '64.

(MIRA 18:11)

ALEKSANDROV, B.K.; DERMAN, B.A.; DROZDOV, N.G.; DUBINSKIY, L.A.;  
MALESSKIY, A.M.; KAMENSKIY, M.D.; KOZLOV, M.D.; LISOVSKIY, G.S.;  
SINIOBOV, K.S.; TREBULEV, P.V.; USPENSKIY, B.S.; KHEYFITS, M.D.;  
SHVETSOV, M.A.

Nikolai Nikolaevich Krachkovskii, 1889- ; on his 75th birthday.  
Elektrichestvo no.1:90 Ja '65. (MIRA 18:7)



L 11549-66

ACC NR: AP6005027

SOURCE CODE: UR/0105/65/000/001/0090/0090

AUTHOR: Aleksandrov, B. K.; Derman, B. A.; Drozdov, N. G.; Dubinskiy, L. A.;  
Zalasskiy, A. M.; Kamenskiy, M. D.; Kozlov, M. D.; Lisovski, G. S.; Sinelobev, K. S.;  
Trebulev, P. V.; Uspenskiy, B. S.; Kheyfits, M. D.; Shvetsov, M. A.

ORG: none

TITLE: Nikolay Nikolayevich Krachkovskiy

SOURCE: Elektrichestvo, no. 1, 1965, 90

TOPIC TAGS: electric power engineering, electric engineering personnel

ABSTRACT: Brief biography of subject, a senior scientific associate of the Institute of Power Engineering AS USSR, on the occasion of his 75th birthday on 16 Dec 64. He was graduated from the Leningrad Polytechnical Institute in 1916. Worked for a number of years in the planning, surveying, construction and operation of the first HV transmission lines and substations. From 1922 to 1926, participated in the planning and construction of the first Soviet hydroelectric station (Volkov GES im. Lenin) and 110 kv transmission line. In 1927-1932, designed transmission lines at the GET (State Electrical Engineering Trust) and the Leningrad branch of Dneprostroy. Chief of electric power and transmission section at Sverdlovsk, Volgostroy and Leningrad Energoprojekt (1932-1938); simultaneously studied 100-cycle current for AS USSR and participated in planning the Kuybyshev GES - Moscow transmission line. Worked at Leningrad Gidroprojekt until 1947, and at Moscow Gidrenergoprojekt until 1955. Among the first to propose

Card 1/2

UDC: 621.31

17  
16  
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L 11549-66

ACC NR: AP6005027

converting the Kuybyshev - Moscow line from 400 to 500 kv. An ardent advocate of d-c for HV and EHV transmission. Authored over 75 scientific and technical articles, and two inventions. Awarded the Order of the Red Banner of Labor and other decorations. Orig. art. has: 1 figure. JPRS 14

SUB CODE: 09 / SUBM DATE: none

HW

Card 2/2

L 22429-66 EWP(d)/EWP(k)/EWP(1)

ACC NR: AP6013517

SOURCE CODE: UR/0105/65/000/011/0086/0086

AUTHOR: Vol'dek, A. I.; Domanskiy, B. I.; Drannikov, V. S.; Zalesskiy, A. M.;  
Kamenskiy, M. K.; Kantan, V. V.; Kashkarov, G. Ye.; Kizevetter, Ye. I.; Klimov, A. N.;  
Kovalev, N. N.; Kostenko, M. P.; Kostenko, M. V.; Neyman, L. R.; Pavlov, G. M.;  
Ravdonik, V. S.; Ruzin, Ya. L.; Sidorov, M. M.; Shramkov, Ye. G.

ORG: none

TITLE: Professor Sergay Vasil'yevich Usov, on his 60th birthday

SOURCE: Elektrichestvo, no. 11, 1965, 86

TOPIC TAGS: academic personnel, electric engineering personnel, electric power plant

ABSTRACT: The noted Soviet power specialist Professor S. V. USOV, who was 60 years old last September, graduated from the Leningradskiy elektrotekhnicheskiy institut (Leningrad Electrotechnical Institute) in 1930 and then, for the next twenty years, worked for the Lenenergo power system of which he became chief engineer in 1939. During the blockade of Leningrad he was head of the group which in 45 days managed to connect the beleaguered city with the Volkhovskaya hydroelectric station across the frozen Ladoga lake. He also carried out the adaptation of the boilers of the Leningrad thermal power plant to consume the locally available fuel. In 1949 he became professor and head of the Department of Electric Stations:

+9  
47  
B

Cord 1/2

UDC: 621.311.1

L 22429-66

ACC NR: AP6013617

of the Leningradskiy politekhnicheskii institut (Leningrad Polytechnic Institute) im. Kalinin. In addition to his fruitful pedagogical endeavors, he published 50 scientific papers. From 1955 to 1958 he was a deputy director for scientific work. In 1964 he was elected Dean of the Electromechanical Faculty of the Institute. He joined the Party in 1942; from 1943 to 1955 was deputy president of the central board of the NTOEP (Nauchno-tekhnicheskoye obshchestvo energeticheskoy promyshlennosti; Scientific Engineering Society of Power Industries), president of the section of power systems of NTOEP, and member of numerous scientific-engineering councils. For many years he was a member of the editorial board of the journal Elektricheskiye stantsii (Electric Stations). For his contributions in the field of power engineering S. V. USOV was awarded the Order of Lenin, Order of Red Banner of Labor, Order of Red Star, Badge of Distinction, and the medals: "For the Defense of Leningrad" and "For Distinguished Service During the Patriotic War." Orig. art. has: 1 figure. [JPRS]

SUB CODE: 10 / SUBM DATE: none

Card 2/2 BLG

VOL'DEK, A.I.; DOMANSKIY, B.I.; DRANNIKOV, V.S.; ZALESSKIY, A.M.;  
KAMENSKIY, M.K.; KANTAN, V.V.; KASHKAROV, G.Ye.; KIZEVETTER, Ye.I.;  
KLIMOV, A.N.; KOVALEV, N.N.; KOSTENKO, M.P.; KOSTENKO, M.V.;  
NEYMAN, L.R.; PAVLOV, G.M.; RAVDONIK, V.S.; RUZIN, Ya.L.;  
SIDOROV, M.M.; SHRAMKOV, Ye.G.

Professor Sergei Vasil'evich Usov, 1905- ; on his 60th birthday.  
Elektrichestvo no.11:86 N '65. (MIRA 18:11)

KAMENETSKIY, Mark Oskarovich, [deceased]; KLASSON, I.R., red.

Robert Eduardovich Klasson. Moskva, Gosenergoizdat,  
1963. 210 p. (MIRA 17:6)

KAMENSKIY, M.O. [Kamens'kiy, M.O.], zasluzhenny vrach respublik  
(Kherson)

Diseases of coronary vessels. Nauka i zhyttia 9 no.7:  
29-31 J1 '59, (MIRA 12:11)  
(Coronary vessels--Diseases)

SEREERO, A.Ya., inzh.; KAMENSKIY, O.V., inzh.

Functioning of hollow piles and shell shafts under horizontal  
stress. Transp. stroi. ll no.8:41-43 Ag '61. (MIRA 14:9)  
(Foundations) (Piling (Civil engineering))



ZHACHEV, I.; KAMENSKIY, P.

Immediate tasks in the development of the meat industry in the  
Kazakh S.S.R. Mias.ind.SSSR. 25 no.4:44-46 '54. (MLRA 7:8)

1. Gosplan Kazakhskoy SSR.  
(Kazakhstan--Meat industry) (Meat industry--Kazakhstan)

~~KAMENSKY, PAVOL~~

MICHALICKOVA, Jaroslava, Doc. Dr; KAMENSKY, Pavol, asist. Dr

Problem of infant toxicosis in Slovakia as represented by the Bratislava region. Pediat. listy 9 no.2:80-83 Ap '54.

1. II. detska klinika SU v Bratislave.  
(INFANT NUTRITION DISORDERS.  
\*toxicosis, statist. in Czech.)

DOBROTA, S.; KAMENSKY, P.; LECHNEROVA, V.

Intrathoracic subpleural lipoma. Bratisl. lek. listy 43 Pt. 2  
no.5:280-285 '63.

1. II chir. klinika Lek. fak. Univ. Komenskeho v Bratislave,  
prednosta akad. K. Siska, Mestska nemocnica s 2. poliklinikou,  
detske oddelenie v Bratislave, prednosta MUDr. P. Kamensky.  
(THORACIC NEOPLASMS) (LIPOMA)  
(PNEUMOPERITONEUM)

KAMENSKY, P. DR.

ZUCHA, J. Doc.; KAMENSKY, P. Dr.; PEKAROVIC, E. Dr.

Severe enterocolitis with perforation in newborn & in delicate infants. Rozhl. chir. 36 no.3:177-180 Mar 57.

I. II. Detska klinika (doc. M. Michalickova) a klinika pediatrickej chirurgie (doc. Dr. J. Zucha ) LFUK v Bratislav.

(COLITIS, in inf. & child  
newborn, with perf. (Cz))

(INFANT, NEWBORN, dis.  
colitis with perf. (Cz))

KAMENSKY, P.; KRAJCI-LAZARYOVA, T.; SACHEROVA, A.

Jaundice in the neonatal period. Bratisl. Lek. Listy 42 no.3:  
160-166 '62.

1. Z II. detskej kliniky Lek. fak. Univ. Komenskeho v Bratislave,  
prednostka prof. MUDr. J. Michalickova.  
(JAUNDICE NEONATAL)

KELETI, Juraj, doc., Dr., PhMr, C.Sc. (Kaliniakova 8, Bratislava);  
KAMENSKY, Pavol; TOLDYOVA, Viera; HUNKOVA, Zdena

Data on the mechanism of the development of methemoglobinemia  
in the suckling. Acta pharmac 8:188-197 '63.

1. Chair of Biochemistry and Microbiology, Faculty of Pharmaceutics, Komensky University, Bratislava (for Keleti and Hunkova). 2. Children's Ward, City Institute of Public Health, Bratislava (for Kamensky). 3. Institute of Suckling Infants, Bratislava (for Toldyova).

KAMENSKY, P.; KOKAVEC, M.

Sudden and unexpected death in infants. Bratisl. lek. listy  
44 no.3:148-155 15 Ag '64.

1. Detske oddelenie Mestskej nemocnice s 2 poliklinikou (veduci prim. MUDr. P. Kamensky); Katedra sudneho lekarstva Lek. fak. Univ. Komenskeho v Bratislave (veduci prof. MUDr. H. Kresk).

MUCHA, V.; KAMENSKY, P.; KELETI, J.

Apropos of the pathogenesis and prevention of alimentary nitrate methemoglobinemia in infants. Bratisl. lek. listy 44 no.8:457-466 '64.

1. Katedra hygieny lek. fak. Univerzity Komenskeho (veduci akademik V. Mucha); Katedra biochemie a mikrobiologie Farmaceut. fak. Univerzity Komenskeho (veduci prof. A. Jindra) a Detske oddelenie Mestskeho ustavu narodniho zdravi (veduci MUDr. P. Kamensky).

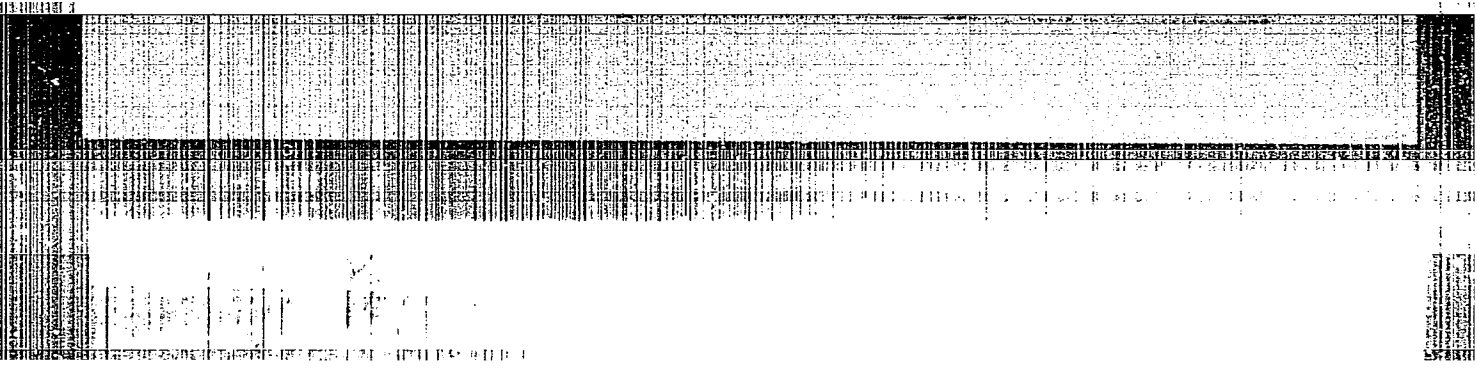


KAMENSKIY, Pavel Petrovich; YAKOVLEV, Anatoliy Yefimovich;  
MOROZOV, V.P., inzh., retsenzent; MUSARSKIY, I.S.,  
otv. red.; FROLOVA, Ye.I., red. izd-va; BOLDYREVA,  
Z.A., tekhn. red.

[Electric power supply of coal mines] Elektrosnabzhenie  
ugol'nykh shakht. Moskva, Izd-vo "Nedra," 1964. 280 p.  
(MIRA 17:2)

"APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000620310005-4



APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000620310005-4"

KAMENSKY, Robert

✓ 2412\* Mixtures for the Insulation of Risers. Směsi pro izolaci náhřevků. (Czech.) Robert Kamenský and Antonín Kubický. Strojárství, v. 3, no. 2, Nov. 1955, p. 348-359.  
MG A test was devised for measuring the insulating power of various mixtures. Cupola fine dust was found to have good insulating properties. Photographs, tables, graphs. 13 ref.

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KAMENSKY, R.

Effect of atmospheric pressure in blind atmospheric risers, p. 111,  
SLEVARENSTVI (Ministerstvo strojiernstvi a ministerstvo hutniho  
prumyslu a rudnych dolu) Praha, Vol. 3, No. 4, Apr. 1955

SOURCE: East European Accessions List (REAL) Library of Congress,  
Vol. 4, No. 12, December 1955

KAMENSKY, R.

"Production of hardened rolls by partial casting."

p. 359 (Slevarenstvi) Vol. 5, no. 12, Dec. 1957  
Prague, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,  
April 1958

AUTHOR: Kamenský, Robert, Engineer CZECH/34-59-9-4/22

TITLE: Mildly Hardened Spheroidal Cast Iron Rolls

PERIODICAL: Hutnické listy, 1959, Nr 9, pp 762-768

ABSTRACT: The aim of the work described in this paper was to develop a method of manufacture of spheroidal cast iron rolls weighing up to 5 tons. On the basis of foreign experience (Refs 1-20) it was decided that mildly hardened spheroidal cast iron rolls were the most suitable for the given conditions of operation. To produce such rolls a method of partial inoculation of malleable iron and the necessary inoculation equipment were developed. The production process is described in detail. The specified analysis of the cast iron is 3.2 to 3.4% C, 1.6 to 2.0% Si, 0.8 to 1.0% Mn, 0.1 to 0.2% P, max 0.1% S. Over fifty such rolls have been cast. The properties of these are very good (surface hardness 280 to 350 H<sub>B</sub>, hardness of the journal 220 to 250 H<sub>B</sub>, strength of the journal 35 to 45 kg/mm<sup>2</sup>). In operation tests thus produced rolls had a service life higher by 163% than that of the common half-hard rolls and Card 1/2 up to four times the service life of forged carbon steel ✓

Mildly Hardened Spheroidal Cast Iron Rolls CZECH/34-59-9-4/22  
rolls. There are 8 figures, 1 table and 22 references,  
5 of which are Czech, 5 Hungarian, 4 Soviet, 4 German,  
2 Polish and 2 French.

ASSOCIATION: Výzkumný ústav VŽKG (Research Institute VŽKG)

SUBMITTED: April 6, 1959

Card 2/2

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AUTHORS:

Kamonsky, Robert, Candidate of Technical Sciences, Engineer  
AND Teindl, Josef, Professor Engineer Doctor of Technical Sciences

CZECH/54-59-11-12/28

TITLE:

Contribution to the Explanation of the Occurrence of an Indefinite Hardened Layer on Rolls

PERIODICAL:

Hutnické listy, 1959, Nr 11, pp 971 - 977

ABSTRACT:

Relative little definite information has been published on the method of manufacture and, particularly, on the chemical composition of indefinite chill rolls. Data on the chemical composition published by Goebel (Ref 1), Wright (Ref 2), Sutherland (Ref 3) and Chubb (Ref 4) are given in Table 1, p 971. To verify the assumption that due to high affinity to carbon, most carbide-forming elements enter into the eutectic carbides and to elucidate the question as to which carbide-forming elements can have a favourable effect on the formation of an indefinite hardened layer, the authors studied the concentration of carbide-forming elements in eutectic carbides. Since information has been published only on tests made with Cr (Refs 7,8), Cr, Mn and Mo (Ref 8), in their experiments

Card 1/4



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CZECH/54-59-11-12/28

Contribution to the Explanation of the Occurrence of an Indefinite Hardened Layer on Rolls

hardened layer contain protrusions of fine graphite right up to the surface of the rolls and there is no mottled transition structure. The working layer contains intensive protrusions of dendritic carbides located in a direction perpendicular to the roll surface, as a result of which a high hardness and a high resistance to abrasion is obtained.

Formation of the indefinite hardened layer is caused by a particular mechanism of solidification of the white-heart cast iron, in the presence of carbide-forming elements. It was found that carbide-forming elements accumulated in the carbides during the solidification of the eutectic and the remaining eutectic melt will solidify grey provided it contains a sufficient quantity of graphitisation elements. The solidification is obviously influenced by the speed of cooling. Therefore, the composition of the cast iron must be so chosen that graphite separates out also at the surface of the hardened layer and that rejection of a high quantity of carbides

Card3/4

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CZECH/54-59-11-12/28

Contribution to the Explanation of the Occurrence of an Indefinite Hardened Layer on Rolls

in the centre of the roll is prevented. Of the carbide-forming elements, only those affect the indefinite hardened layers which are soluble in cementite and do not form special carbides. Rolls with an indefinite hardened layer are being used on a very large scale in many countries and steps should be taken to start production of these also in Czechoslovakia. ✓

Acknowledgments are made to Engineer I.M. Tomasova for carrying out metallographic tests, to K. Kurzova for the carbide analysis carried out at the Research Institute VZKG. There are 11 figures, 9 tables and 9 references, of which 2 are German, 2 Soviet and 5 English.

ASSOCIATIONS: Výzkumný ústav VŽKG (Research Institute VŽKG)  
Vysoká škola báňská, Ostrava (Mining University, Ostrava)

SUBMITTED: September 3, 1959

Card 4/4

KAMENSKY, R.

Mildly spheroidal cast-iron rolls. p. 762.

HUTNICKE LISTY. (Ministerstvo hutniho prumyslu a rudnych dolu a Ceskoslovenska vedecka technicka spolnost pro hutnictvi a slevarenstvi) Brno, Czechslovakia. Vol. 14, no. 9, Sept. 1959.

Monthly list of East European Accessions (EEAI) LC, vol. 9, no. 1, Jan. 1960.

Uncl.

KAMENSKY, Robert

Effect of chemical composition on the strength of chilled cast iron. Slevarenstvi 9 no.12:466-472 D '61.

1. Vyzkumny ustav, Vitkovicke zelezarny Klementa Gottwalda, Ostrava-Vitkovicce.

KAMENSKY, Robert, inz., kandidat technických ved; HYSPECKA, Ludmila, inz.

Chilled cast iron thermal expansivity coefficients and their effect on the stress in rolls. Hut listy 16 no.1:38-41 Ja '61.

1. Vydányy w čar. Vítkovicke zelezarny Klementa Gottwalsa, Ostrava.

KAMENSKY, R.

Replacing steel rollers by rollers from nodular cast iron.  
Sievarenstvi 10 no.7:277 J1 '62.

KAMENSKY, R.

Conference on modernisation of manufacturing the cast iron products.  
Slevarenstvi 10 no.12:506-507 D '62.

KAMENSKY, Robert

Determining the most convenient tangential gating system,  
especially for cast iron rolls. Slevarenstvi 10 no.9:332-335  
S '62.

1. Vyzkumny ustav, Vitkovicke zelezarny Klementa Gottwalda.



KARNSKY, Robert, C.Sc., inz.; HYSPECKA, Ludmila, inz.

Results of the statistical evaluation of the effect of some factors on the service life of cooled hardened rolls for sheet rolling. Hut listy 16 no.6:400-405 Js '61.

1. Vyzkumny ustav, Vitkovicke zelezarny Klementa Gottwalda, Ostrava.

KAMENSKY, Robert; MICKERTS, Ervin

Increasing the mold drying intensity by overpressure. Slevarenstvi 10  
no.11:407-409 N '62.

1. Vitkovicke zelezarny Klementa Gottwalda, n.p., Ostrava - Vitkovice.

KAPCENSKY, Robert; TOMAN, Lubomir

Production and use of chill cast iron rolls alloyed with manganese and nickel. Slevarenstvi li no.6:226-229 Je '63.

1. Vyzkumny ustav metalurgicky, Vitkovicke zelezarny Klementa Gottwalda, Ostrava.

KAMENSKY, R., inz., CSc.; STEPANEK, R., inz.

Composite nickel-chrome iron rolls for strip mills. Hut listy  
18 no.9:645-652 S'63.

1. Vyzkumny ustav metalurgicky, Vitkovicke zelezarny Klementa  
Gottwalda, Ostrava.