

PETROV, B.A., professor, predsedatel'; DUBEYKOVSKAYA, E.G.' sekretar'; POGAN-
TSEV, N.I., kandidat meditsinskikh nauk; TERNOVSKIY, S.D., professor;
MELIK-ARUTYUNOV, A.I. kandidat meditsinskikh nauk; PATSIORA, M.D., kan-
didat meditsinskikh nauk; YELANSKIY, N.H., professor; DAM'YE, N.G.; TA-
VONIUS, K.N.; GULYAYEV, A.V., professor; KAZANSKIY, V.I., professor;
GROZDOV, D.Ye., professor; DOROFEYEV, V.I.; LINDEMAN, V.I.; MAKHOV, N.I.,
dotsept.

Minutes of the session of the Surgical Society of Moscow and Moscow Pro-
vince of September 12, 1952. Khirurgiia no.3:88-92 Mr '53. (MLRA 6:6)

1. Khirurgicheskoye obshchestvo Moskvyy i Moskovskoy oblasti.
(Spleen--Surgery)

KUKHARSKIY, M. [Kucharski, M.] red.; LINDEMAN, Ya. red.;
MAL'CHEVSKIY, Ya. [Malczewski, J.], red.; RABEK, T.,
red.; SEDOV, L.N. [translator]; FILIPPENKO, L.K.
[translator]; DANILEVICH, T.A., red.

[Laboratory work in the chemistry and technology of polymeric
materials. Translated from the Polish] Laboratornye raboty po
khimii i tekhnologii polimernykh materialov. Moskva, Khimiia,
1965. 393 p. (MIRA 18:7)

ACCESSION NR: AT4042424

S/0000/63/000/000/0068/0070

AUTHOR: Tevlina, A. S., Lindeman, Ya. S., Losev, I. P.

TITLE: Synthesis and investigation of ion exchange membranes based on polystyrenesulfonic acid and polyvinyl alcohol

SOURCE: Respublikanskoye nauchno-tekhnicheskoye soveshchaniye po ionnomu obmenu. Alma-Ata, 1962. Teoriya i praktika ionnogo obmena (Theory and practice of ion exchange); trudy* soveshchaniya. Alma-Ata, Izd-vo An KazSSR, 1963, 68-70

TOPIC TAGS: ion exchange resin, ion exchange membrane, copolymer film, polystyrene sulfonic acid, sulfuration, polyvinyl alcohol, polymer film swelling, polymer film electrical property

ABSTRACT: The authors prepared homogeneous ion exchange membranes by combining polystyrenesulfonic acid (sulfurated to 94% of theoretical capacity) with a calculated amount of polyvinyl alcohol, drying thin layers of the poured solution at room temperature and heating the films at 120C for two hours in a thermostat. The coefficient of swelling and electrical resistivity of the films were found to decrease with an increase in the proportion

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ACCESSION NR: AP4039941

8/0191/64/000/006/0010/0012

AUTHOR: Tavlina, A. S.; Lindeman, Ya. S.; Losev, I. P. (Deceased)

TITLE: Synthesis and investigation of ionite membranes based on polystyrene sulfonic acid and polyvinylalcohol

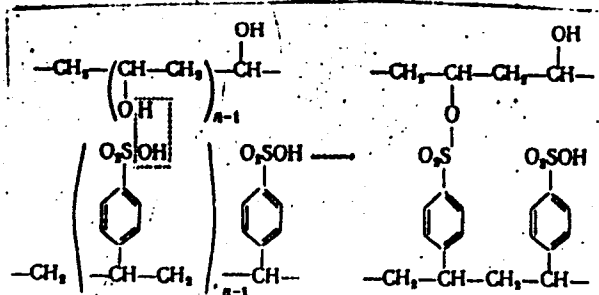
SOURCE: Plasticheskiye massy*, no. 6, 1964, 10-12

TOPIC TAGS: ionite, ionite membrane, synthesis, polystyrenesulfonic acid polyvinylalcohol mixture, polystyrene sulfonation, water resistance, IR spectra, water desalting

ABSTRACT: The possibility of obtaining ionite membranes (suitable for instance for electrochemical desalting of water) by combining up to 60 mol% of water soluble polystyrenesulfonic acid (PSSA) with polyvinylalcohol (PVA) was established. Polystyrene was sulfonated with SO_3 in dichlorethane solution; a relatively low molecular weight polystyrene was used since the degree of sulfonation increases with decrease in molecular weight. A homogeneous solution of the PSSA and PVA was prepared and cast to form a film which was dried at 120C for 2 hours. The water resistance of the product membrane is explained by the formation of a chemical

ACCESSION NR: AP4039941

bond between the SO₃H group of the polyelectrolyte and the OH of the PVA:



The IR spectra of PVA, PSSA and of the product are shown. The 1650 cm⁻¹ band (free OH group) seen in the spectra of PVA and PSSA is absent in the membrane spectrum. This is explained by the possible hydrogen bond formation between the SO₃H and OH groups or ether bonds between the PVA hydroxyl groups. The low intensity of the 1740 cm⁻¹ band in the PVA spectrum indicated the absence of acetyl groups. Orig. art. has: 3 figures, 1 formula and 3 tables.

Cont 2/2

ACCESSION NR: AP4039941

ASSOCIATION: None

SUBMITTED: 00

ENCL: 00

SUB CODE: 00, MT

NO REF SOV: 003

OTHER: 003

Card 3/3

Properties of Steels

S LINDEMANN, L.

Tool Steels from a Toolmaker's Point of View. L. Lindemann, (*Tilværk. Kjemi, Bergvesen Mst.*, 1949, 9, May, 92-98). [In English]. The microstructural properties of typical tool steels are reviewed with regard to hardness, wear resistance, and toughness. n. s. k.

LINDEMANN, M.; RUDIGER, W.

The influence of gallbladder stimulation on heart rate and respiratory rhythm to the electrical activity of the cerebral cortex in the cat. *Activ. nerv. sup.* 4 no.3/4:458-461 '62.

1. Department of Physiology, Medical Faculty, Humboldt University, Berlin.

(GALLBLADDER) (RECEPTORS NEURAL) (RESPIRATION)
(CEREBRAL CORTEX) (HEART)

LINDEN, M.I.

Testing the sap toxicity of mosaic-infected tobacco plants.
Trudy Inst. gen. no. 27:382-386 '60. (MIRA 13:12)
(Tobacco mosaic virus)

LINDEN, M.I.

Some data obtained in crossing *Lycopersicon esculentum* Mill. with
L. peruvianum Mill. Trudy Inst. gen. no.28:289-292 '62.
(MIRA 14:11)

(TOMATO BREEDING)

LINDEN, M.I.

Form of the pearlike tomato in the progeny produced by crossing
Lycopersicon esculentum Mill. L. hirsutum Humb. et Bonp. Trudy
Inst. gen. no.31:422-426 '64. (MIRA 17:9)

LINDEN, M.I.

Development of new forms of tomatoes in the progeny obtained by crossing *Lycopersicon esculentum* Mill. with *Lycopersicon hirsutum* Humb. et Bomp. Trudy Inst. gen. no.30:301-304 '63. (MIRA 17:1)

LINDEN, M.I.

Development of new forms in the progeny produced by crossing
Lycopersicon esculentum Mill with *L. hirsutum* Humb. et Bonp.
Trudy Inst. gen. no.29:456-458 '62. (MIRA 16:7)

(Tomato breeding)

LINDEN, N. A.

PA 241 T29

USSR/Geophysics - Earthquakes

Jan/Feb 53

"The Earthquakes of Turkmen SSR and the Ashkhabad Earthquake of 1948," E. F. Savarenskiy, N. A. Linden and S. I. Masarskiy, Geophys Inst, Acad Sci USSR

"Iz Ak Nauk SSSR, Ser Geofiz" No 1, pp 3-16

Report the results of a study of earthquakes in Turkmen, SSR and of observations of the Ashkhabad earthquake. These investigations were conducted on the basis of observations by the USSR network of seismic stations and by those of other countries. Thank Prof N. I. Nikolayev and I. Ye. Gubin, and senior lab worker S. S. Mebel'.

241T29

ACCESSION NR: AR4020761

S/0189/64/000/001/G020/G021

SOURCE: RZh. Geofizika, Abs. 1G152

AUTHOR: Linden, N. A.

TITLE: Study of the seismicity of the Arctic

CITED SOURCE: Sb. Seysmol. issledovaniya. No. 5. M., AN SSSR, 1963, 7-26

TOPIC TAGS: Arctic earthquake, Arctic seismicity

TRANSLATION: A detailed historical literature survey on instrumental studies of Arctic earthquakes. First, in 1911, B. B. Golitsyn determined the position of the epicenter of the strong Icelandic earthquake of January 22, 1910 (68° N. Lat., 17° W. L.) from the seismograms of the Pulkovo station. I. I. Vilip used the same method to determine the coordinates of the Icelandic earthquake of May 6, 1912 (60° 04' N. Lat., 20° 06' W. L.). Further investigations revealed a seismoactive belt stretching from the Atlantic through Iceland, Jan Mayen, and Spitzbergen to the islands of Franz Josef Land and Severnaya Zemlya. As a result of an investigation of the earthquake of November 20,

ACCESSION NR: AR4020761

1933 in the Baffin Bay, N. V. Rayko and N. A. Linden extended this belt to the northern shores of Asia. The Alyaskinsk earthquake of July 22, 1937 (64°35' N. Lat., 145° 50' W. L.) and a series of other jolts at this location were thoroughly investigated. The study was carried out in the epicentral zone by examining and collecting macroseismic information and made use of seismograms of a large number of stations. Significant progress was made in the investigation of the seismicity of the Arctic during the IGY. Thus, the seismic zones of Fennoskandiya, the Kola Peninsula, and the northeast of the USSR were established. The characteristics of the distribution of epicenters were found to be closely related to the tectonics of these regions. Principal seismic data on 62 Arctic earthquakes are given for the period 1957-1959, as well as a list of weak local earthquakes recorded during that period by Soviet Arctic seismic stations.

S. Masarskiy

DATE ACQ: 03Mar64

SUB CODE: AS

ENCL: 00

Card 2/2

LINDENAU, N.I.

15-57-8-11801

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 8,
p 266 (USSR)

AUTHOR: Lindenau, N. I.

TITLE: Reduction of Coal Losses in the Kuzbas Mines (Aktual'-
nost' voprosa snizheniya poter' uglya v nedrakh
Kuzbassa)

PERIODICAL: Materialy 1-y obl. nauchn.-tekhn. konferentsii
ugol'shchikov po okhrane nedr Kuzbassa, 1954 g.
Kemerovo, Knigoizdat, 1955, pp 5-16

ABSTRACT: The author gives data on the coal losses in the Kuzbas
mines. He reveals inadequacies in the methods of
mining the deposits of the basin and shows the effect
of the coal loss on mine production, net cost of the
coal, and length of production of the mine. Every ton
of coal uncovered by major mining operations but not
extracted from the mines means a loss of 2.5 to 3.0

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LINDENAU, N. I.

Shortcomings in the mechanization of coal mining in the Kuznetsk Basin. Mekh.trud.rab.9 no.9:15-18 8'55. (MLRA 8:12)

1. Glavnyy inzhener kombinata Kuzbassugol'.
(Kuznetsk Basin--Coal mining machinery)

LINDENAU, N.

Kuznetsk Basin in the new five-year plan. Mast. ugl. 5 no. 4:3-5
Ap '56. (MIRA 9:7)

1. Glavnyy inzhener kombinata Kizbassugol'.
(Kuznetsk Basin--Coal mines and mining)

LINDENAU, N.

Strip mining in the Kuznetsk Basin. Mast. ugl.5 no.9:3-5 S '56.
(MIRA 9:10)

1. Glavnyy inzhener kombinata Kuzbassugol'.
(Kuznetsk Basin--Strip mining)

LINDENAU, N.I.; RAPOPORT, M.Ya.; DINEYEV, A.I.; GAPANOVICH, L.N., mladshiy nauchnyy sotrudnik.

Mining coal seams of the Prokop'evsk deposits in Kuznetsk Basin in connection with recent coal and gas outbursts. Ugol' 32 no.12: 14-18 D '57. (MIRA 11:1)

1.Glavnyy inzhener kombinata Kuzbassugol' (for Lindenau) 2.Starshiy nauchnyy sotrudnik Instituta gornogo dela AN SSSR (for Rappport). 3.Starshiy nauchnyy sotrudnik Vostochnogo nauchno-issledovatel'skogo instituta (for Dineyev). 4.Institut gornogo dela AN SSSR (for Gapanovich).

(Kuznetsk Basin--Coal mines and mining--Accidents)

LINDENAU, N.I.

Kuznetsk Basin tomorrow. Mast. ugl. 7 no.10:3-6 0 '58. (MIRA 11:11)

1. Glavnyy inzhener kombinata Kuzbassugol'.
(Kuznetsk Basin--Coal mines and mining)

LINDENAU, N.I.

Safety regulations in coal and shale mines should be revised.

Ugol' 33 no.5:33-35 My '58.

(MIRA 11:5)

1.Glavnyy inzh. kombinata Kuzbassugol'.

(Coal mines and mining--Safety measures)

LINDENAU, N.I.; KOLOSOV, A.V., red.; IVANITSKIY, I.I., red.; PANKINA,
N.V., tekhn. red.

[Basic technological trends in the expansion of the Kuznetsk Coal Basin during the years from 1959 to 1965] Osnovnye tekhnicheskie napravleniia razvitiia Kuznetskogo ugol'nogo basseina v 1959-1965 godakh. Moskva, M-vo vysshego i srednego spetsial'nogo obrazovaniia RSFSR, 1959. 54 p. (MIRA 15:1)

1. Moskovskiy gornyy institut im. Stalina (for Lindenau).
(Kuznetsk Basin—Coal mines and mining)

MEL'NIKOV, Nikolay Ivanovich; LINDENAU, Nikolay Ivanovich; RATNIKOVA,
A.P., red.izd-va; SHKLYAR, S.Ya., tekhn.red.

[Use of anchor bolting for mine supports] Opyt primeneniia
ankernoii krep'i. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po
gornomu delu, 1959. 125 p. (MIRA 13:1)
(Mine roof bolting)

ZVIAGINTSEVA, K.M.; ZENKOV, S.N.; KOZHEVIN, V.G.; POPOV, V.E.; SENDERZON, E.M..
Prinimali uchastiye: KOKORIN, P.I., prof.; KULIBABA, A.N., dotsent;
LINDENAU, E.I.; ZHURAVLEV, A.M.; STOLBOV, M.V.; CHEPYEKIN, M.I.,
otv.red.; KOROVENKOVA, Z.A., tekhn.red.

[Kuznetsk Coal Basin; a statistical handbook] Kuznetskii ugol'nyi
bassein; statisticheski spravochnik. Moskva, Ugletekhizdat, 1959.
390 p. (MIRA 12:8)

1. Kemerovo. Gornyy institut. 2. Sotrudniki kafedry ekonomiki
Kemerovskogo gornogo instituta (for Zvyagintseva, Popov, Kokorin,
Kulibaba). 3. Kombinat Kuzbassugol' (for Zenkov, Lindenau,
Zhuravlev, Stolbov). 4. Kemerovskiy sovnarkhoz (for Kozhevin).
5. Sibirskoye otdeleniye AN SSSR (for Senderzon).
(Kuznetsk Basin--Coal mines and mining--Statistics)

STREL'NIKOV, Dmitriy Aleksandrovich; KOZHEVIN, Vladimir Grigor'yevich;
GORBACHEV, Timofey Fedorovich; SHELKOV, A.A., gornyy inzh.,
retsenzent; BURSHTEYN, P.S., gornyy inzh., retsenzent; LIHDEHAU,
N.I., gornyy inzh., otv.red.; OKHRIMENKO, V.A., red.izd-va;
ALADOVA, Ye.I., tekhn.red.; KOROVENKOVA, Z.A., tekhn.red.

[Mining of Kuznetsk Basin coal deposits] Razrabotka ugol'nykh
mestorozhdenii Kuzbassa. Moskva, Ugletekhizdat, 1959. 886 p.

(MIRA 12:1)

(Kuznetsk Basin--Coal mines and mining)

LINDENAU, N. I.

AUTHOR: Dvorin, S.S. SOV/68-59-1-16/26

TITLE: Conference on the Widening of Resources of Coking Coals in the Kuznetskiy Basin (Soveshchaniye po rasshireniyu syr'yevoy ugol'noy bazy koksovaniya v Kuznetskom basseyne)

PERIODICAL: Koks i Khimiya, 1959, Nr 1, pp 56 - 60 (USSR)

ABSTRACT: The conference took place in the town of Kemerovo, on June 12 - 13, 1958 and was organized by the metallurgical and coking sections of the Technical-economic Council of the Kemerovo Sovnarkhoz and by the coal group of the GNTK Soveta Ministrov RSFSR (State Scientific-technical Committee of the Council of Ministers of the RSFSR). Chief engineer of the "Kuzbassugol", N.I. Lindenau, reported on the perspective of winning coking coals from the Kuznetskiy Basin during 1959-1965. The total deliveries of coking coals from the Kuznetskiy Basin should increase from 25.1 million tons in 1958 to 42 million tons in 1965. In order to obtain the above output in 1959-1965, the following measures are planned: sinking of 26 new shafts of an output capacity of 37.6 million tons, starting operation in 22 new shafts of a capacity of 34.1 million tons, reconstruction of 21 shafts of a capacity of 25.9 million tons, construction of 18 coal washeries of a capacity of

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Conference on the Widening of Resources of Coking Coals in the Kuznetskiy Basin

50 million tons/year, starting operation during 1959-1965 in 12 coal washeries of a capacity of 33.6 million tons/year. He also gave qualitative characteristics of coking coals from regions under development.

S.A. Sazancv (Gosplan) (RSFSR) read a paper "The Development of the Iron and Steel Industry in the East and Requirements of the Iron and Steel Works for Coking Coals during the Next 7 Years", in which he pointed out the possibility of utilising weakly caking coals which can solve all the difficulties in securing requirements of the industry. He considers that of all the new methods of coal preparation which can be effectively utilised in the near future, the preferential crushing in conjunction with stamp charging is the only one. He considers that by this method about 9 million tons of coke can be produced.

I.V. Gebler communicated on the work carried out in the Tomskiy pol'tekhnicheskii institut (Tomsk Polytechnical Institute) on coking of blends with a high content of Kuznetskiy gas coals with additions of finely crushed coke breeze. It was established that an addition of 5% of coke increases bulk density of blends on average by 5%. With a

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Conference on the Widening of Resources of Coking Coals in the Kuznetskiy Basin

5% of coke additions up to 60% of gas coals can be incorporated without any decrease in the coke quality. Coke should be crushed to pass screens with 500 mesh/cm². In addition heat requirements for coking are decreased. M.Uy. Grigor'yev (Kemerovo Mining Institute) communicated on possible methods of increasing coking coal resources from the Kuznetskiy Basin. Namely, shortage of coals Zh and K can be replaced by coals G, K₂, OS and SS without decreasing coke quality by application of some new methods of preparation of blends which are at present under investigation. The most promising method is that of IGI AN SSSR. Other methods are: petrographic beneficiation by preferential crushing and further beneficiation to a sp.g 1.35-1.40; blending of thermally treated coals 30-35% addition of thermally treated gas coals can replace 15-20% of K and Zh coals.

G.N. Makarcv (Moskovskiy khimiko-tekhnologicheskiy institut im. D.I. Mendeleyeva - Moscow Institute of Chemical Technology imeni D.I. Mendeleev) in a paper "The Enlargement of Resources of Coking Coals by Using in Blends Preliminary Heat-treated Gas Coals" reported on trials of charging

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Conference on the Widening of Resources of Coking Coals in the
Kuznetskiy Basin

pre-heated blends into ovens (Koks i Khimiya, 1957, Nr 4).
N.I. Gryaznov (VUKhIN) in a paper "An Increase in the
Utilisation of Gas Coals by Their Rational Preparation"
reported on the work of the institute on preferential
crushing (Koks i Khimiya, 1956, Nr 8, 1957, Nr 4 and
1958, Nrs 2 and 3). He pointed out that on preferential
crushing, a large amount of non-caking grains is too
finely crushed which sharply decreases their caking ability.
Combination of preferential crushing with stamp charging
is very promising as the influence of negative factors of
each method is compensated.

VUKhIN developed a method of utilising coarsely ground gas
coals in coal blends. If a finely crushed coal blend by
itself has sufficient caking ability, then coarsely ground
gas coals can be added without decreasing the quality of
coke. Additions of coarse grained gas coal decrease the
proportion of dust in the blend and increase its bulk
density. An increase in the bulk density can be also
obtained by drying of coal.

I.I. Amosov (IGI AN SSSR) reported on "Blending of Coals
For Coking According to Their Petrographic Composition"

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Conference on the Widening of Resources of Coking Coals in the
Kuznetskiy Basin

(Koks i Khimiya, 1957, Nr 12).

I.I. Yurenkov (VNIIOgleobogashcheniye) in a paper "Enlargement of the Resources of Coals for Coking by the Utilisation of Gas and Weakly Caking Coals in Blends" considered that the most efficient method of utilising such coals is preferential crushing. The other methods considered are: the production of ferro-coke (briquettes) and additions of coal-tar pitch, briquetting and subsequent coking.

A.P. Dubrovin (Tsentrorgiproshakht) in a paper "Perspective of Coal Beneficiation in the Kuznetskiy Basin for the Next 7 Years" reported that the development of coal beneficiation lags behind coal winning. Ash content of coals sent for coking increased by 0.5% in comparison with 1953, and the ash content of coal sent to washeries increased from 11% in 1953 to 31.1% in 1957; correspondingly, the yield of concentrates decreased from 91.1% to 83%. In view of increasing ash content in coals, the yield of concentrates in 1965 will decrease to 78%. A brief outline of planned construction of coal washeries is given (15 new washeries of total output of 23.4 million t/year; in 1966, 43 washeries

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Conference on the Widening of Resources of Coking Coals in the Kuznetskiy Basin

with a total output of 51.1 million t/year should be in operation). Further developments in the Kuznetskiy Basin are in regions which contain mainly high ash and difficult-to-beneficiate coals. In the existing mines also some increase in the ash and moisture content is expected. Therefore, in new coal beneficiation plants, only wet treatment methods without preliminary separation into size fractions should be considered.

K.K. Kollodiy (Kuzbassugleobogashcheniye Trust) reported on methods of increasing the efficiency of coal beneficiation processes in existing coal beneficiation works in the Kuznetskiy Basin. Of 28 operating washeries, 21 are operating with the pneumatic method, 4 by a combination of pneumatic and wet process and 3 by wet method. During the last 5 years, the ash content of coals has increased by 2.1% and that of concentrates by 0.4%. In order to decrease the ash content in concentrates, secondary wet treatment of pneumatically cleaned coals was introduced on some plants. This decreased the ash content by 0.3% and increased the yield of concentrates by

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1.5-2.5%. A cascade scheme of beneficiation was developed on pneumatically operating plants consisting of the fact that not individual-size fractions 6-10, 13-50 mm are treated in pneumatic separators USh-3 but 0-50 mm fraction. For jigging dust-containing coals 10-0 mm a synthetic bedding layer from heavy rubber was developed instead of felspar which was found to be very efficient.

A.A. Lukanin (VUKhIN) in a paper "A Decrease in the Consumption of Coals K and K₁ on the Kuznetskiy Metallurgical

Combine by Incorporating Into Blends Gas Coals" pointed out that coke ovens in the Urals and Siberia are designed for a standardised heating condition calculated for a coking period of 13-14 hours instead of 17 hours. Temperatures in the control flues 1 390 - 1 410 °C. With increasing proportion of high-shrinkage coals, the quality of coke deteriorates. An increase in the coking period is impossible due to a shortage of coking capacity.

Experimental work on coking indicated that it is possible to decrease the proportion of K coals but for this purpose, the existing technology of coal preparation and

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Conference on the Widening of Resources of Coking Coals in the
Kuznetskiy Basin

coking conditions should be modified. For this purpose,
the development of an appropriate plant is necessary
(no details).

ASSOCIATION: SOPS AN SSSR

Card 8/8

LINDENAU, N.I.

Main technical objectives in the expansion of the Kuznetsk Coal basin in the 1959 - 1965 period. Ugol' 34 no.8:12-18 Ag '59.
(MIRA 12:12)

1. Glavnyy inzhener kombinata Kuzbassugol'.
(Kuznetsk Basin--Coal mines and mining)

PARUSIMOV, V.F.; BUTKEVICH, R.V.; KRIVOBOK, K.P.; LINDENAU, N.I.

Trends in thick coal seam mining in the Kuznetsk Basin. Ugol'
34 no.8:60-64 Ag '59. (MIRA 12:12)
(Kuznetsk Basin--Coal mines and mining)

LINDENAU, Nikolay Ivanovich; MIROSHNICHENKO, V.D., red.izd-va; GALANOVA,
V.V., tekhn.red.

[Efficient underground mining systems for thick coal seams]
Ratsional'nye sistemy razrabotki moshchnykh ugol'nykh plastov
podzemnym sposobom. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry
po gornomu delu, 1960. 48 p. (MIRA 13:7)
(Coal mines and mining)

LINDENAU, Nikolay Ivanovich; SURNACHEV, Aleksandr Andreyevich;
VESKOV, M.I., otv.red.; OKHRIMENKO, V.A., red.izd-va; GALANOVA,
V.V., tekhn.red.

[Handbook for miners in shield-protected stopes] Posobie dlia
rabochikh shchitovykh zaboev. Moskva, Gos.nauchno-tekhn.izd-vo
lit-ry po gornomu delu, 1960. 163 p.

(MIRA 14:3)

(Mining engineering--Handbooks, manuals, etc.)
(Mine timbering)

LINDENAU, N.I., inzh.; BLERT, G.K., inzh.

Technological innovations in the shield system of coal
mining in beds subjected to clay inrush. Bezop.truda v
prom. 4 no.7:5-7 JI '60. (MIRA 13:8)

1. Kombinat Kuzbassugol'.
(Coal mines and mining)

LINDENAU, N. I.

For perfect working conditions of Kuznetsk Basin miners. Bezop.
truda v prom. 4 no.11:3-5 N '60. (MIRA 13:11)

1. Glavnyy inzhener kombinata Kuzbassugol'.
(Kuznetsk Basin--Coal mines and mining)

LINDENAU, N.I.

"Generalization of Soviet and foreign practices in mining flat and inclined thick coal seams" by L.N. Gapanovich, V.F. Parusimov, A.P. Sudoplatov. Reviewed by I.N. Lindenau. Ugol' 35 no. 4:62-63 Ap '60. (MIRA 14:4)

1. Glavnyy inzhener kombinata Kuzbassugol'.
(Coal mines and mining) (Gapanovich, L.N.)
(Parusimov, V.F.) (Sudoplatov, A.P.)

LINDENAU, N. I. ; - MEL'NIKOV, N. I.

Experience in the use of anchor bolting in development workings
of Kuznetsk Basin "Kapital'naiia-1" mine. Ugol' 35 no.5:32-34 My
'60. (MIRA 13:7)
(Kuznetsk Basin--Mine roof bolting)

KUZ'MICH, A. S., gorn.inzh.; LINDENAU, N.I.; NIKONOV, G. P., kand.tekhn.
nau; MALYSHEV, A.G., gorn.inzh.

"Hydraulic mining" by G.A. Nurok. Reviewed by A.S. Kuz'mich and
others. Ugol 35 no.7:63-64 J1 '60. (MIRA 13:7)

1. Luganskiy sovmarkhoz (for Kuz'mich). 2. Kombinat Kuzbassugol'
(for Lindenau). 3. Institut gornogo dela AN SSSR (for Nikonov).
(Hydraulic mining)
(Nurok, G.A.)

LINDENAU, N.I., gornyy inzhener

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(Kuznetsk Basin--Coal mines and mining--Fires and fire prevention)
(Rock pressure)

LINDENAU, H.I.

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1. Glavnyy inzhener kombinata Kuzbassugol'.
(Kuznetsk Basin--Coal mines and mining)

LINDENAU, N.I., inzh.; MOSKALENKO, F.I., inzh.; LOPATKIN, G.P., inzh.;
BUSYGIN, K.K., kand.tekhn.nauk

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with gas content and controlling the ventilation of workings."
Bezop. truda v prom. 5 no.8:12-14 Ag '61. (MIRA 14:8)

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(Mine ventilation)
(Krainikov, M.A.)

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LINDENAU, N.I.; BIRYUKOV, R.A.; LISKOVETS, A.R.; MURAV'YEV,
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izd-va; OSVAL'D, E.Ya., *red. izd-va*; PROZOROVSKAYA, V.L., *tekhn.*
red.

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Academician A.A.Skochinski; obituary. Mast.ugl. 9 no.11:22 N '60.
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39 no.9:89-91 S '64. (MIA 17:19)

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KOVACHEVICH, P.N., prof.; YEVSEYEV, V.S., gornyy inzh.; KORZYUKOV, Ye.K., gornyy inzh.; KRYLOV, V.F., gornyy inzh.; LINDENAU, N.I., gornyy inzh.; FEDOROV, V.K., gornyy inzh.

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rechi (dir. T.T. Parkhomenko) (Khar'kov).
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LINDENBAUM, A.L.

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139-140 My '61. (MIRA 14:9)

1. Klinika nervnykh bolezney (zav. - doktor med.nauk K.D.Logachev)
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LINDENBAUM, A.I.

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dlya invalidov Otechestvennoy voyny.
(Surgery, Plastic) (Osteomyelitis)

LINDENBAUM, Il'ya Samoylovich.

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(DIAGNOSIS, SURGICAL)

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Plastic repair of chronic gunshot osteomyelitis with a muscle graft taken from the contralateral extremity. Khirurgiia 36 no.11:43-48 N '60. (MIRA 13:12)

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49 My '62. (MIRA 15:5)

1. Proizvodstvenno-ekspluatatsionnyy otdel Leningradskoy kontory
Gosbanka.
(Leningrad--Industrial management) (Leningrad--Banks and banking)

FESTA, N.Ya., kand.tekhn.nauk; LIBERMAN, M.D., inzh.; LINDENBAUM, M.D., inzh.

Providing the reliability of automatic control systems. Mekh.i
avtom.proizv. 17 no.7:35-38 J1 '63. (MIRA 16:8)
(Automatic control)

LIBERMAN, M.D.; LINDENBAUM, M.D.; FESTA, N.Ya.

Some problems in the reservation in automatic control systems
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3-6 Je '63. (MIRA 16:8)

(Automatic control)

14474-66 EWT(a)/EWP(1) IJP(c) BC

ACC NR: AR5020507

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62-50.001.24

SOURCE: Ref. zh. Avtomatika, telemekhanika i vychislitel'naya tekhnika, Abs. 8A7 ²¹

AUTHOR: Lindenbaum, M.D.; Liberman, M.D.; Festa, N.Ya.

TITLE: Estimation of the dynamic properties of maneuverable objects in designing emergency systems of automatic controls

CITED SOURCE: Sb. Avtomatiz. khim. proiz-v. Vyp. 3-4, M., 1964, 8-11

TOPIC TAGS: automatic control, automatic control equipment, automatic control R and D

TRANSLATION: A method is offered which allows the estimation of dynamic properties of maneuverable objects in designing devices for detecting failures and switching, a choice of systems of reserve elements and solutions to other problems in the technical realization of reserves for an automatic control system. 2 figures, 1 table, and 1 reference.

SUB CODE: 09

PC
Card 1/1

LIBERMAN, M.D.; LINDENBAUM, M.D.; SESTA, N.Ya.

Determination of optimum reliability requirements of automatic
control systems during their designing. Zhuk. prom. 41 no.1:
1-3 Ja '65. (MIRA 18:3)

GORFINKEL', M.I.; LINDENBAUM, M.D.

Concerning a method for the approximate integration of some
kinetic equations. Zhur. fiz. khim. 35 no.11:2472-2474 N'62.

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LINDENBAUM, M. S.

"Bacteriophagy in Vivo in Intravenous Phage Therapy of Infected Wounds",
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MIRONYCHEVA, V.I.

Catamneses of patients treated with neuroleptics. Vop.
psikh. i nevr. no.9:446-450 '62. (MIRA 17:1)

1. Psikhonevrologicheskiy dispanser Leninskogo i Kirovskogo
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SHEVAKIN, Yu.F.; LINDENBAUM, V.I.; MATVEYEV, B.N.

Determination of the gripping moment in the stabilized process of
pilgrim mill hot rolling of pipe. Izv. vys. ucheb. zav.; chern. met.
6 no.5:123-128 '63. (MIRA 16:7)

1. Moskovskiy institut stali i splavov.
(Pipe mills)

SHEVAKIN, Yu.F.; MATVEYEV, B.N.; LINDENBAUM, V.I.

Determining reductions in an instantaneous deformation area during hot pilgrim rolling of pipe. Izv. vys. ucheb. zav.; chern. met. 6 no.7:122-127 '63. (MIRA 16:9)

1. Moskovskiy institut stali i splavov.
(Pipe mills) (Deformations (Mechanics))

MATVEYEV, B.N.; LINDENBAUM, V.I.; STAROBINETS, Ya.S.; KARPENKO, L.N.;
SHEVAKIN, Yu.F., doktor tekhn.nauk, nauchnyy rukovoditel' raboty

Determining the rolling radius in the hot pilgrim rolling of tubes.
Izv. vys. ucheb. zav.; chern. met. 6 no.11:136-142 '63.

(MIRA 17:3)

1. Moskovskiy institut stali i splavov i Chelyabinskiy
truboprokatnyy zavod.

LINDENBAUM, V.I.; MATVEYEV, B.N.; SHEVAKIN, Yu.F.

Determining the angle of groove taper filling during the hot pilgrim
mill rolling of tubes. Izv. vys. ucheb. zav.; chern. met. 8 no.7:95-
98 '65. (MIRA 18:7)

1. Moskovskiy Institut stali i splavov.

LINDENBERG, B.[Lindenbergs, B.](Riga); KUNNOS, G.[Kunnoss, G.]

Determination of the strength and deformative properties of material during autoclaving. Vestis Latv ak no.6:37-40 '60.
(EEAI 10:9)

1. Akademiya nauk Latvyskoy SSR, Institut stroitel'stva i arkhitektury.

(Autoclaves) (Strength of materials)
(Deformations)(Mechanics)

KUNNOS, G.; LINDENBERG, B.[Lindenbergs, B.]; REYNIS, V.[Reinis, V.]

Improved technological method for production of air-entrained concrete by simultaneous vibrotreatment of its components. Vestis Latv ak no.6: 85-91 '61.

1. Akademiya nauk Latvyskoy SSR, Institut stroitel'stva i arkhitektury.

(Air-entrained concrete)

LINDENBERG, B.Y.

Methods of accelerating the hardening and increasing the strengths of concrete based on dolomite Roman cement. G. Kunnos and B. Lindenberg. *Latvijas PSR Zinātņu Akad. Vēstis* 1955, No. 8, 107-17 (in Russian; Latvian summary, 118).—To accelerate hardening of concrete compounded on the dolomite Roman cement (I) base under field conditions, steaming for 24-32 hrs. at 80-90° is recommended. In plant production, a scheduled 10-hr. treatment in an autoclave at 8 atm. was effective; substitution of 20-30% of I by sand or clay is recommended. Equations are given for calcn. of strengths of concretes based on mixed I and portland cements, both during air or underwater hardening. Addn. of CaCl₂ accelerator yielded inferior concrete. Repeated vibration during the first 7 days increased the strength of the above concretes by 43%. A. Dravnieks

Matta 2

LINDENBERG, B. Ya.

Plasticity and strength of concrete on Sloka Roman
 cement base. B. Lindenberg and G. Kunnos. Latvijas
 PSR Zinatnu Akad. Rakstures, No. 10, 93-100. -- Harden-
 ing of concrete prepd. from Sloka (Latvia) Roman cement
 (from dolomites), with addn. of 8% CaSO₄, progressed pro-
 portionally to logarithm of time, with a change in the consts.
 of the hardening vs. time equation at the age of 28 days.
 The hardness of concrete kept under water after prior using
 for 7 days in moist air was 0.8-0.9 of the air-hardened con-
 cretes of the same type. A. Dravnieks

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LINDENBERG, B. Ya.

USSR /Chemical Technology. Chemical Products
and Their Application

I-12

Silicates. Glass. Ceramics. Binders.

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 31672

Author : Lindenberg B. Ya.

Inst : Academy of Sciences Latvian SSR

Title : Autoclaved Cinder-Concrete from Waste Products
of Riga Electric Power Plants

Orig Pub: Sb.: Issledovaniya po betonu i zhelezobetonu.
No 1. Riga, AN LatvSSR, 1956, 95-108

Abstract: Laboratory investigations have shown that con-
crete from ground quicklime (72.2% activity)
and cinders of Riga regional electric power

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LINDENBERG, B. YA., CAND TECH SCI, ^{* Study} ~~INVESTIGATION~~ OF THE
TECHNOLOGY OF PRODUCTION AND THE STRUCTURAL PROPERTIES OF *Large*
AUTOCLAVE CINDER ~~CONCRETE~~ CONCRETE BLOCKS. TALLIN, 1960. (STATE
COM ^{mittee} OF HIGHER AND SEC SPEC ED OF THE COUNCIL OF MINISTERS
ESTONIAN SSR. TALLIN POLYTECH INST). (KL, 2-61,209).

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KUNNOS, G.Ya., kand.tekhn.nauk; LINDENBERG, B.Ya.; LEV, N.Ya.

Fly ash concrete and its use in the Latvian S.S.R. Bet. i zhel.,-
bet. no.2:73-77 F '61. (MIRA 14:2)
(Latvia--Lightweight concrete)

KUNNOS, Georgiy Yanovich; LINDENBERG, Bruno Yanovich; VENGROVICH, A.,
red.; KREMER, L., tekhn. red.

[Vibration method for preparing air-entrained concrete mix]
Vibratsionnyi sposob prigotovleniia gazobetonnoi smesi. Riga,
Izd-vo Akad. nauk Latviiskoi SSR, 1962. 13 p. (MIRA 15:7)
(Air-entrained concrete)

LINDENBRATEN, I.P. (Moskva)

Index to literature on problems of teaching medical radiology.
Med.rad. no.5:31-40 '61. (MIRA 14:11)
(BIBLIOGRAPHY--RADIOLOGY, MEDICAL)

LINDENBRATEN, L. D.

Roentgenologic investigation of the bile ducts during surgery of the biliary tract. Vest. khir. Grekova, Leningr. 72 no. 4:34-38 July-Aug. 1952. (CML 22:5)

1. Of the Department of Roentgenology of the Naval Military Academy (Head -- Prof. G. A. Zedgenize) and of the Surgical Division of In Memory of 25 October Hospital (Head Physician -- I. P. Vinogradov).

LINDENBRATEN, L. D.

L. D. Lindenbraten, Rentgenologicheskoye issledoyaniye pecheni i zhelchnykh putey /X-ray Examination of the Liver and the Bile Ducts/, Medgiz, 20 sheets, 1953

Sets forth the methodology of X-ray examination of the liver, gallbladder and bile ducts. Describes the anatomy and functions of the liver and gallbladder in healthy subjects as seen in the X-ray picture. Sketches the symptomatology of various pathological alterations in these organs and their differential diagnosis. 276 pp.

Intended for medical roentgenologists, surgeons, and therapeutists.

SO: U-6472, 23 Nov 1954

ZAK, I.R.; LINDENBRATEN, L.D.

Roentgenological examination of the maxillary sinus with the aid of
contrast media. Vest. otorinolar., Moskva 15 no.3:48-52 May-June 1953.
(GIML 25:1)

1. Candidates Medical Sciences. 2. Leningrad.

LINDENBRATEN, I.D.

Comparative evaluation of cholecystography and duodenal catheterization.
Sovet. med. 17 no.6:36-37 June 1953. (CJML 24:5)

1. Candidate Medical Sciences. 2. Of the Naval Medical Academy, Leningrad.

LINDENBRATEN, L.D. (Leningrad); TSUKERSHTEYN, O.Ye. (Leningrad).

Diagnosis of internal biliary fistulas; symptom of gas in bile ducts. Klin.
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(Biliary tract) (Fistula)

LINDENBRATEN, L.D.

(Leonid Davidovich)

"X-ray Investigation of the Liver, Gall Bladder and Bile Ducts,"
(Dissertation), Academic degree of Doctor in Medical Sciences, based on
his defense, 21 June 1954, in the Council of the Naval Medical Academy, .

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ZEDGENIDZE, G.A.; LINDENBRATEN, L.D.

"Theory and practice of radiography; a handbook for physicians."
ed. P.D.IAL'tsev, G.A.Zedgenidze, L.D.Lindenbraten. Vest. rent.
i rad. no.6:84-85 N-D '54. (MLRA 8:1)
(IAL'TSEV, P.D.) (RADIOGRAPHY)

LINDENBRATTEN, J.D.
ZEDGENIDZE, Georgiy Arkad'yevich; LINDENBRATTEN, J.D.

[Emergency X-ray diagnosis ; a manual for physicians] Neotlozhnaia
rentgenodiagnostika; rukovodstvo dlia vrachei. Leningrad, Medgiz.
1957. 394 p. (MIRA 10:11)
(DIAGNOSIS, RADIOSCOPIC)

LINDENBRATEN, L.D.

LINDENBRATEN, D.S.; LINDENBRATEN, L.D.

[X-ray diagnosis of diseases of respiratory organs in children]
Rentgenodiagnostika zabolevani organov dykhanii u detei.
[Leningrad] Medgiz, 1957. 409 p. (MIRA 10:11)
(DIAGNOSIS, RADIOSCOPIC) (RESPIRATORY ORGANS--DISEASES)

LINDENRATEN, L.D.

Bronchography [in German]. E.Stutz, H.Vieten. Vest.rent. i rad.
32 no.2:80-81 Mr-Apr '57. (MLRA 10:8)
(BRONCHI--RADIOGRAPHY) (STUTZ, E.) (VIETEN, H.)

LINDENBRATEN, L.D.

LINDENBRATEN, L.D.

"The roentgen aspects of the paila and ampulla of Vater" by M.N.
Poppel, N.G.Jacobson, R.W.Smith. Reviewed by L.D.Lindenbraten.
Vest.rent. i rad. 32 no.4:85-86 J1-Ag '57. (MIRA 10:11)
(DUODENUM--RADIOGRAPHY)

LINDENBRATEN, L.D.

Importance of the position of the body in cholangiography; directed cholangiography [with summary in English]. Vest.rent. 1 rad. 33 no.2: 38-40 Mr-Apr '58. (MIRA 11:6)

1. Iz kafedry rentgenologii i meditsinskoy radiologii (nach. - prof. G.A.Zedgenidze) Voenno-meditsinskoy ordena Lenina akademii imeni S.M.Kirova.

(CHOLANGIOGRAPHY

postop., significance of body position (Rus))