

ENGEL'MAN, I.M. (Ioshkar-Ola)

Dispensary observation and treatment of patients with parodontosis.

Stomatologia 38 no.4:24-25 J1-AG '59.

(MIRA 12:12)

(GUMS--DISEASES)

ENGEIMAYER, M.; FARKAS, V.

Direct meniscography. Cesk. rentg. 13 no.3:153-164 June 59.

1. Rtg oddelenie MUNZ v Kosiciach a Chirurgicke oddelenie OUM v
Rožnave.

(KNEE, radiography
meniscography, direct (Cs))

ENGEL'S, F.; GOL'MAN, L.I.; LYALIKOV, B.S., redaktor; SOKOLOVA, G.F.,
tekhnicheskiy redaktor.

[Selected military writings] Izbrannye voennye proizvedeniia. Moskva,
Voen.izd-vo Ministerstva obr.SSSR, 1956. 806 p. (MLRA 9:5)
(Military art and science)

ENGEL'S, G.G.

TROFIMOV, A.N., inzhener; ENGEL'S, G.G., inzhener; IVIN, K.V., inzhener

Experience in using elastic contact systems for the trolley bus lines in Budapest. Gor.khoz.29 no.9:29-33 S'55. (MLRA 8:12)
(Budapest--Trolley buses)

IVIN, Kirill Vladimirovich; TROPIMOV Aleksandr Masarovich, ~~ENGELIS,~~
Georgiy Georgiyevich; KRYLOV, S.K., redaktor; OTOCHEVA, M.A.,
redaktor izdatel'stva; POBENEG, P.I., tekhnicheskiy redaktor

[Trolley buse collectors] Tokos'am trolleibusa. Moskva, Izd-vo
Ministerstva kommunal'nogo khoziaistva RSFSR, 1956. 191 p.
(Trolley buses) (MIRA 9:7)
(Electric current collectors)

ENGEL'S, G.G.

ZAGAYNOV, N.A.; TABORKO, V.G.; ENGEL'S, G.G.

Controlled cable disconnecter and automatic section equipment for
parallel feeding of electric traction in municipal transport;
suggested by N.A. Zagainov, V.G. Taborko, G.G. Engel's. Prom.
energ. 12 no.12:17 D '57. (MIRA 10:12)
(Electric railroads)

LESEVITSKIY, N.N., inzh.; SOKOLOV, V.D., inzh.; ENGEL'S, G.G., inzh.

Selecting efficient pole pivot for contact systems of electric
transportation networks. Gor. khoz. Mosk. 32 no.5:25-28 My. '58.

(MIRA 11:5)

(Moscow--Street railways)
(Electric lines--Poles)

MOSTINSKIY, I.B., inzh.; ~~ENGEL'S, G.G., inzh.~~; GOROSHKOV, Yu.I., kand.
tekhn.nauk

Efficient design for joint clamps of contact wires. Vest.TSNII
MPS 18 no.3:46-48 My '59. (MIRA 12:8)
(Electric railroads--Wires and wiring)

VLASOV, Ivan Ivanovich; MARKVARDT, Konstantin Gustavovich; ANTONOV,
M.F., inzh., retsenzent; MIKHEYEV, V.P., inzh., retsenzent;
ENGEL'S, G.G., inzh., retsenzent; SIDOROV, N.I., inzh., red.

[Contact network] Kontaktnaia set'. 2., perer. i dop. izd.
Moskva, Vses.izdatel'sko-poligr.ob"edinenie M-va putei soob-
shchenia, 1961. 331 p. (MIRA 15:1)
(Electric railroads--Wires and wiring)

YEFREMOV, I.S., doktor tekhn. nauk; REKITAR, R.A., inzh.;
ROZENBERG, S.V., kand. ekon. nauk; BLATNOV, M.D., kand.
tekhn. nauk; VIL'KONETSKIY, M.S., inzh.; TOMILIN, A.I., inzh.;
POPELYASH, V.N., inzh.; ZAGAYNOV, N.A., kand. tekhn. nauk;
FINKEL'SHTEYN, B.S., inzh.; MARINOV, I.A., inzh.; ISTRATOV, V.P.,
inzh.; MARGOLIN, I.S., inzh.; ENGEL'S, G.G., inzh.; ANTONOV,
V.A., inzh.; SOKOLOV, V.D., inzh.; KLESHCHINSKIY, B.K., inzh.;
IL'INSKIY, A.I., retsenzent; PAPKOV, N.G., retsenzent; SMIRNOV,
G.M., retsenzent; SHPOLYANSKIY, M.N., otv. red. toma; VOLOCHNEV,
V.N., red.; TROFIMOV, A.N., red.; RACHEVSKAYA, M.I., red. izd-va;
LELYUKHIN, A.A., tekhn. red.

[Technical manual on city electric transportation in three
volumes] Tekhnicheskiy spravochnik po gorodskomu elektro-
transportu v trekh tomakh. Redkollegiya: V.N.Volochnev, A.N.
Trofimov, M.N.Shpolianskii. Moskva, Izd-vo M-va kommun. khoz.
RSFSR. V.1.1. [City electric transportation (general part)]
Gorodskoi elektricheskii transport (obshchaia chast'). Otv.
red. toma M.N.Shpolianskii. 1961. 726 p. (MIRA 15:4)
(Streetcars) (Trolley buses)

IVIN, Kirill Vladimirovich; TROFIMOV, Aleksandr Nazarovich;
ENGEL'S, Georgiy Georgiyevich

[Pantographs of municipal surface transportation] To-
kos'em gorodskogo nazemnogo transporta. Moskva, Stroi-
izdat, 1965. 261 p. (MIRA 18:7)

FLINK, Yu.V., dotsent, kand.tekhn.nauk; FRAYFEL'D, A.V., dotsent, kand.tekhn.
nauk; ENGEL'S, G.G., inzh.

Design of semicompensated circuit suspensions with spring wires.
Trudy MIIT no.199:120-129 '65.

(MIRA 18:8)

ENGEL'S, I. P.

ENGEL'S, I. P. -- "INVESTIGATION OF ACID-RESISTANT LAYERS USED IN THE PREPARATION OF AN ENGRAVING PLATE." SUB 22 DEC 52, MOSCOW POLYGRAPHIC INST (DISSERTATION FOR THE DEGREE OF CANDIDATE IN TECHNICAL SCIENCE)

50: VECHERNAYA MOSKVA, JANUARY-DECEMBER 1952

ENGELS, V.

Chemical plant. H. V. Engels. *Prakt. Chem.* 1954. 8
107-111. A review of apparatus used in the plant.

ENGEL'SBERG, B.P.; YAKUBOV, V.H., redaktor

Exchange of vocational experience among miners, metallurgists, and machine builders; a catalog of books] Obmen proizvodstvennym opytom gornikov, metallurgov mashinostroitelei; katalog knig. Moskva, Otdel reklamy i propagandy Mosknigotorga, 1954. 26 p. [Microfilm]

(MLRA 9:10)

1. Moskovskaya oblastnaya kontora knizhnoy trgovli "Mosknigotorg."
(Bibliography--Metal industries)
(Catalogs, Bookellers')

V. S. ENGEL'GHT

SOV/1700

PHASE I BOOK EXHIBITION

24(7)

L'hev. Universitet

Materialy I Vsesoyuznogo sorochebaniya po spektroskopii, 1956.
 9. II: *Kommissiya spektroskopii* [Materials of the 10th All-Union
 Conference on Spectroscopy, 1956, Vol. 2; Atomic Spectroscopy]
 (Zhov' Ist-re S. v. 1956, No. 3, 1956, 3, 000 copies printed.)
 Priblizhenno shornik, 77-3(9); 3,000 copies printed.

Additional Sponsoring Agency: Akademiya nauk SSSR, Kommissiya po
 spektroskopii.

Editorial Board: G.S. Landsberg, Academician, (Resp. Ed.);
 S.S. Bagrent, Doctor of Physical and Mathematical Sciences;
 L.A. Babitskiy, Doctor of Physical and Mathematical Sciences;
 V.A. Fabrikant, Doctor of Physical and Mathematical Sciences;
 V.S. Koritskiy, Candidate of Technical Sciences; L.K. Klimovskiy,
 Candidate of Physical and Mathematical Sciences; V.S. Milyuzhnik
 (Deceased), Doctor of Physical and Mathematical Sciences; L.Ye.
 Alimbergen, Doctor of Physical and Mathematical Sciences;
 M.S. S.L. Gansel, Tech. Ed.; T.V. Saranyuk.

NOTE: This book is intended for scientists and researchers in
 the field of spectroscopy, as well as for technical personnel
 using spectrum analysis in various industries.

CONTENTS: This volume contains 177 scientific and technical studies
 on atomic spectroscopy presented at the 10th All-Union Confer-
 ence on Spectroscopy in 1956. The studies were selected out by
 members of scientific and technical institutes and include
 extensive bibliographies of Soviet and other sources. The
 studies cover many phases of spectroscopy: methods for controlling
 electrostatic radiation, physicochemical methods for controlling
 uranium production, physics and technology of gas discharge,
 optics and spectroscopy, absorption spectroscopy, spectrum analysis of ores
 and minerals, photometry, alloys, spectral determination of the
 analysis of metal alloys by means of isotopes, tables, and
 studies of spectral lines, spark spectrographic analysis,
 statistical study of variation in the parameters of calibration
 curves, determination of traces of metals, spectrum analysis in
 metallurgy, thermochemistry in metallurgy, and principles and
 practice of spectrochemical analysis.

Card 2/31

Materials of the 10th All-Union Conference (cont.)	533
Dustanovich, I.M. Spectrum Analysis of Different Types of Products by One Calibration Curve	535
Dem'yanchuk, A.S., and Ye.S. Rudelya. Special Aspects of the Spectral Determination of Carbon, Phosphorus, and Sulfur in Metal Alloys	539
Shpitser, S.A. Effect of Development on the Measurement of Spectral Line Intensities	543
Spektrov, L.A., and V.S. Engel'gnt. New Technique in the Use of Additives	549
Kalilov, V.V. Use of Mathematical Statistics in Analytical Work	551
Shvaynitskiy, T.K., and O.B. Pal'kova. Use of the Spectral Method for the Determination of Chlorine in Climatological Studies	551
Pliginskii, I.S. Spectrum Analysis With the Aid of Reference Curves	551

Card 3/31

PHASE I BOOK EXPLOITATION 507/A303

Frunze, Universitet. Nauchnoye studencheskoye obshchestvo
Sbornik nauchnykh rabot studentov, vyp. 2 (Collection of Sci-
entific Works of Students, No. 2) Frunze, 1959. 99 p. 500
copies printed.

Sponsoring Agency: Kirgizskiy gosudarstvennyy universitet.
Nauchnoye studencheskoye obshchestvo.

Resp. Ed.: L. A. Spektorov, Dozent; Tech. Ed.: W. A. Yefimov.
FURDISE; This book is intended for mathematicians, natural
scientists, and philologists.

COVERAGE: The collection of articles contains studies in mathe-
matics and mechanics, physics, biology, and philology written
by members of the Nauchnoye studencheskoye obshchestvo
(Students' Scientific Association) of Kirgizskiy gosudarstvennyy
universitet (Kirgiz State University) under the guidance of
faculty members. References accompany each article.

PHYSICS

Alexandrov, Yu. (Fourth-Year Student of the Division of Physics
and Mathematics. Dozent L. A. Spektorov, Scientific Adviser).
Effect of the Sample Composition on the Rate of Thermal
Evaporation From a Carbon Electrode 33

Shenoy, B. (Fourth-Year Student of the Division of Physics and
Mathematics. Dozent L. A. Spektorov, Scientific Adviser).
Temperature Measurement of Carbon Electrodes With Various
Fillers 41

Shalygov, A. (Fourth-Year Student of the Division of Physics
and Mathematics. Dozent L. A. Spektorov, Scientific Adviser).
Quantitative Analysis of Aluminum by the Width of Spectral
Lines 47

Kozlov, P. (Fourth-Year Student of the Division of Physics and
Mathematics. Dozent G. V. Zhukovskiy, Scientific Adviser).
X-ray Spectrographic Study of Macrocrystalline Aluminum Ox-
ide 51

Zheynbayev, Zh. and V. Engel'kbi (Students of the Division of
Physics and Mathematics. Dozent L. A. Spektorov, Scientific
Adviser). "Growth Curves" (Dependence of Spectral Line
Intensity on the Concentration of Atoms in the Source of Light
of Some Spectral Lines of Molybdenum and Nickel) 55

BIOLOGY

Atybek, M. (Fourth-Year Student of the Division of Biology
and Mathematics. Professor P. A. Turdakov, Scientific Adviser).
Dose [Fish] from the Talas Basin 59

Moldobek, M. (Fourth-Year Student of the Division of Biology.
Professor P. A. Turdakov, Scientific Adviser). Ichthyological
Expedition to the Suwayr Valley in the Summer of 1953 63

Dalya, L. (Fourth-Year Student of the Division of Biology.
Professor P. A. Turdakov, Scientific Adviser). Gudgeon (G. gobio
lepidolasmus) from the Shabarky River (Falta Basin) 67

Card 4/6

ENGEL'KBI, V.

ENGEL'SHT, V. S.

Cand Phys-Math Sci - (diss) "Distribution of atoms and transfer of matter in the direct current arc." Tomsk, 1961. 8 pp; (Tomsk State Univ imeni V. V. Kuybyshev); 150 copies; price not given; (KL, 7-61 sup, 221)

AUTHOR: [REDACTED]

[REDACTED]

[REDACTED]

"APPROVED FOR RELEASE: Thursday, July 27, 2000

CIA-RDP86-00513R00041212

APPROVED FOR RELEASE: Thursday, July 27, 2000

CIA-RDP86-00513R00041212(

"APPROVED FOR RELEASE: Thursday, July 27, 2000

CIA-RDP86-00513R00041212

TOP SECRET
REF ID: A66666

TOP SECRET

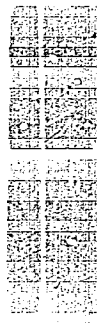
TOP SECRET

TOP SECRET

TOP SECRET

APPROVED FOR RELEASE: Thursday, July 27, 2000

CIA-RDP86-00513R00041212





26.2311

111663
S/196/63/000/001/028/035
E194/E155

AUTHORS: Engel'sht, V.S., and Spektorov, L.A.
TITLE: Transfer processes in a d.c. arc
PERIODICAL: Referativnyy zhurnal, Elektrotehnika i energetika,
no.1, 1963, 42, abstract 1 E 195. (Sb. tr. Kafedry
eksperim. fiz. Kirg. un-t (Collected works of the
Department of Experimental Physics, Khirghiz
University). Frunze, 1961, 41-50)
TEXT: An experimental study was made of the mechanism of
transfer of volatilised substance from the anode in a vertical d.c.
field by diffusion and

S/058/62/000/012/021/048
A160/A101

26.2311

AUTHOR: Engel'sht, V. S.

TITLE: The distribution of sodium and copper atoms in the cloud of a direct-current arc

PERIODICAL: Referativnyy zhurnal, Fizika, no. 12, 1962, 28, abstract 12G279 ("Sb. tr. Kafedry eksperim. fiz. Kirg. un-t", Frunze, 1961, 13-34)

TEXT: An investigation was carried out of the distribution of Na and Cu atoms, temperature and gas-ionization degree in the cloud of a vertical direct-current arc, stabilized by Na, with a sample in the anode. The concentration of the atoms was determined by the method of emission in the central arc column, and by the absorption lines on its periphery. The gas temperature was found from the ratio of copper line intensities Cu I 5106 and Cu I 5218/20 A¹, and from the intensity distribution of the Na resonance line. The ionization degree was calculated as for a two-component sodium-air mixture. Considerable atom concentration gradients are observed in the near-electrode regions, and a more uniform distribution is noted in the remaining parts of the arc cloud. The maximum

✓B

Card 1/2

The distribution of sodium and copper atoms in...

S/058/62/000/012/021/048

A160/A101

concentration of the Na atoms is located at the cathode, and the maximum concentration of Cu atoms - at the electrode with the sample.

✓B

[Abstracter's note: Complete translation]

Card 2/2

26.2311

39291
S/048/62/026/007/013/030
B104/B138

AUTHORS: Engel'sht, V. S., and Spektorov, L. A.

TITLE: Transfer processes in a d-c arc

PERIODICAL: Akademiya nauk SSSR. Izvestiya. Seriya fizicheskaya,
v. 26, no. 7, 1962, 887-889

TEXT: The transfer velocity of metal atoms in the electric field E is described by

$$v_E = z b E, \tag{1}$$

rate of diffusion by

$$v_D = -\frac{D}{N} \text{grad } N - \frac{\alpha D}{T} \text{grad } T, \tag{2}$$

and rate of convection by

$$v_k = \sqrt{\frac{2g \rho_s - \rho_s}{\rho_s}}, \tag{3}$$

X

Card 1/2

Transfer processes in a d-c arc

S/048/62/026/007/013/030
B104/B138

Here, x is the degree of ionization, b the ion mobility, N the atomic concentration, α the thermal diffusion constant, and D the diffusion coefficient. These formulas were used to assess the role of the different velocities of Na and Cu atoms in a d-c arc from experimental results (V. S. Engel'sht et al., Sb. trudov kafedry eksperimental'noy fiziki Kirgizskogo universiteta, 1961). During the experiments, a mixture of coal dust and tar containing 35% NaF and 1.5% Cu_2O was applied to the lower electrode (anode). From the axial region of the arc, more copper atoms were carried away than were introduced by the vapor jets. The perpendicular transfer of Cu around the axis and on the periphery of the arc takes place mainly by convection. Near the axis Na atoms are mainly transferred by the electric field, and at the periphery by convection. Transfer by thermal diffusion does not play an important part in the case of Cu and Na. Cu atoms remain in the arc three times as long as Na atoms.

X

BELYAYEV, V.P.; KALINACHENKO, V.R.; KUZ'MIN, N.N.; YAKIMENKO, L.M.;
ARSHANSKAYA, V.H.; RUBENCHIK, Yu.I.; SHEVKUN, I.G.;
SHKLOVER, L.F.; BURAVLEV, Yu.M.; PEREP'ELKINA, M.A.;
USTINOVA, V.I.; NEUYMINA, G.P.; ENGEL'SHT, V.S.; TRAPITSYN, N.F.;
BULANOV, Yu.A.

Exchange of experience. Zav.lab. 28 no.6:685-687 '62.

(MIRA 15:5)

1. Khimicheskiy zavod imeni Veykova (for Shklover).
 2. Ural'skiy nauchno-issledovatel'skiy institut chernykh metallov (for Buravlov, Perepelkina, Ustinova, Neuymina).
 3. Kirgizskiy gosudarstvennyy universitet (for Engel'sht, Trapitsyn, Bulanov).
- (Spectrum analysis)

S/032/62/028/006/013/025
B101/B138

AUTHORS: Engel'sht, V. S., Trapitsyn, N. F., and Bulanov, Yu. A.

TITLE: Determination of lanthanum and yttrium in rare-earths mixtures.

PERIODICAL: Zavodskaya laboratoriya, v. 28, no. 6, 1962, 687

TEXT: The determination of La and Y by spectral analysis, where the rare earths are mixed with copper powder (ratio 1 : 50) and a copper rod serves as counterelectrode, is described. An УР-2 (IG-2) generator, KCA-1 (KSA-1) spectrograph, and spectral photographic plates of type II were used. The calibration curve (log I against log C) is plotted for mixtures of La_2O_3 and Y_2O_3 with copper powder. The intensity I of the lines La II 3949.11 Å, and Y II 3950.36 Å, as well as the background near the maximum of the La line, are evaluated photometrically. The relative error for triple determination is ~3% for La and ~3.5% for Y. The presence of up to 50% Y_2O_3 and Ce_2O_3 does not affect La determination. The same content of La_2O_3 and

Card 1/2

S/032/62/028/006/013/025
B101/B138

Determination of lanthanum...

Ce₂O₃ does not affect Y determination. A laboratory assistant is able to analyze 10 - 15 samples three times each during one shift.

ASSOCIATION: Kirgizskiy gosudarstvennyy universitet (Kirgiz State University)

Card 2/2

ZHELONKINA, L.; ZHEYENBAYEV, Zh.; KARIKH, F.G.; POLOVIKOV, A.I.;
ENGEL'SHT, V.S.

Simultaneous quantitative determination of silicon, carbon,
sulfur, phosphorus, manganese, and chromium in grey cast
iron using an ST-7 stylometer. Izv. AN Kir. SSR. Ser.
est. i tekhn. nauk 5 no.6:99-104 '63. (MIRA 17:5)

S/057/63/033/002/014/023
B108/B186

AUTHORS: Spektorov, L. A., and Engel'sht, V. S.

TITLE: Calculation of the radial temperature distribution of a sodium-stabilized carbon arc

PERIODICAL: Zhurnal tekhnicheskoy fiziki, v. 33, no. 2, 1963, 221 - 222

TEXT: The radial temperature distribution in a d.c. arc with a current of 4 a and an interelectrode spacing of 10 mm was calculated following a method previously used by H. Maecker (Zs. Phys., 157, 1, 1959) and H. Goldenberg (Brit. J. Appl. Phys., 10, 47, 1959). The results are in good agreement with the experimental data up to a distance of 4.5 mm from the axis. This shows that the thermal properties of the plasma in the arc do not differ essentially from those of air. There are 3 figures.

ASSOCIATION: Kirgizskiy gosudarstvennyy universitet, Frunze (Kirgiz State University, Frunze)

SUBMITTED: March 20, 1962

Card 1/1

EMEL'SHTEYN, A.S.; KIGEL', R.M.

Case of *Gongylonema pulchrum* in man. Med. paraz. i paraz. bol. 34
no.2:163-164. M-Ap '65. (MIRA 18:11)

1. Otdel meditsinskey parazitologii Odesskoy oblastnoy sanitarno-
epidemiologicheskoy stantsii.

ENGELSMANN, F.
VOJTECHOVSKY, M.; ENGELSMANN, F.; VOJTECHOVSKA, M.

Tactile hallucinations imitating parasitic disease. Cas. lek. cesk.
97 no.3:80-84 Jan 58.

1. Psychiatricka lecebna UNV v Praze 8, lekarsky reditel Dr K. Dobisek.
Parazitologicky ustav Karlovy university v Praze, prednosta akademik
Otto Jirovec. M. V., Praha XVI, VI. Vancury 15.

(PARASITIC DISEASES, differ. diag.

tactile hallucinations, case reports (Cz))

(HALLUCINATIONS, differ. diag.

tactile hallucinations from parasitic dis.,
case report (Cz))

CZECHOSLOVAKIA

ENGELSMANN, F.; HAJEK, F.; HLOUNOVA, B.; MENCIKOVA, H.; Psychiatric Research Institute (Vyzkumny Ustav Psychiatricky), Prague.

"Time Samples of a Day of Psychiatric Patients."

Prague, Ceskoslovenska Psychiatrie, Vol 62, No 3, Jun 66, pp 168 - 175

Abstract Authors' English summary modified: In the period 1962 to 1964 the authors investigated the activities of hospitalized patients between 6 a.m. and 10 p.m. The patients spend most of their time in complete inactivity; the rehabilitation treatment occupies only a very small part of the day. On the basis of the study the authors were able to prepare a better program for the daily routine treatment of the patients. 3 Tables, 9 Czech references. (Manuscript received 2 Apr 65).

1/1

71

ENGELSMANN, Frantisek

~~Experiences with the Minnesota Multiphasic Personality Inventory. Cesk.~~
Experiences with the Minnesota Multiphasic Personality Inventory. Cesk.
psychiat. 55 no.2:108-118 Apr 59.

1. Psychiatricka lecebna u Praze 8.
(PSYCHOLOGICAL TESTS,
MMPI, results (Cs))

ENGELSMANN, F.; STUCLAR, B.

Music therapy. Cas. lek. cesk 100 no. 31:985-989 4 Ag '61.

1. Psychiatricka lecebna v Praze 8, reditel MUDr. Karel Dobisek.

(MUSIC ther)

ENGELSMANN, J.

ROR- ES CIFOTECHNIKA. (Boripari Tudományos Egyesület mint a Magyar Tudományos Egyesületek Szövetsége Tagegyesülete) Budapest.

Recurrent features: News of the Association;
Index for 1955.
Index for 1956.

More up-to-date technology for manufacturing cemented shoes, and the possibilities of automation. p. 175.

Vol. 8, No. 6, Dec. 1958.

ENGELSMANN, Jeno (Budapest)

Significance of form-developing operations in pre-fabrication. Bor cipo
11 no.6:171-174 N '61.

1. Boripari Kutato Intezet.

ENGELSMANN, Jenö [Engelsmann, Jenö]

"Methods of increasing the capacity of conveyers" by B.D. Breev,
I.I. Kapustin. Reviewed by Jenö Engelsmann. Kozh.-obuv.prom. 3
no.8:38 Ag '61. (MIRA 14:10)

1. Nauchno-issledovatel'skiy institut kozhevenno-obuvnoy promy-
shlennosti, Budapesht.

(Shoe industry)

(Assembly-line methods)

(Breev, B.D.)

(Kapustin, I.I.)

ENGELSMANN, Jeno

Significance of normalization in the automation of the shoe industry. Bor oipo 12 no.5/6:161-165 0 '62.

1. Boripari Kutato Intezet.

ENGELSMANN, Jono

Measures of awls and needles used on sole stitching machines.
Bor cipo 14 no.6:169-174 N '64.

ENGELSMANN, Jano

Needle dimensions used in welt sewing and sole stitching
machines. Bor cipo 15 no.1:4-5 Ja '65.

ENGEL'SON, Ya. L.: Master Phys-Math Sci (diss) -- "Some problems of analysis in
~~locally convex space~~
locally convex space". Riga, 1958. 10 pp (Min Higher Educ USSR, Latvian State
U in Petr Stuchka), 175 copies (KL, No 10, 1959, 123)

16.4600

AUTHOR: Engel'son, Ya.L.

SOV/155-58-4-13/34

TITLE: On the Variational Theory of Non-Linear Equations in Locally Convex Spaces (K variatsionnoy teorii nelineynykh uravneniy v lokal'no - vypuklykh prostranstvakh)

PERIODICAL: Nauchnyy doklady vysshey shkoly. Fiziko-matematicheskiye nauki, 1958, Nr 4, pp 75 - 80 (USSR)

ABSTRACT: Let E be a semicomplete "espace tonnelé" (in the sense of Bourbaki), H a Hilbert space which is dense in E' ; $E \subset H \subset E'$. Let the topology of E majorize the topology induced in E by H , and let the topology of H majorize the topology induced in H by E' . Let the canonical bilinear form $\langle x, y \rangle$, $x \in E$, $y \in E'$ be identical in H for $y \in H$ with the scalar product (x, y) .

Theorem: Let A be a linear self-adjoint operator positive in H which is completely continuous from E' to E . The operator $F(x) = \text{grad } f(x)$ is assumed to effect from E to E' , its potential $f(x)$ is assumed to be continuous on every bounded set $B \subset E$ with respect to the topology τ induced by E in B and to satisfy the inequality:

Card 1/2

On the Variational Theory of Non-Linear Equations
in Locally Convex Spaces

SOV/155-58-4-13/34

$$f(x) \leq \frac{1}{2} a(x,x) + \frac{1}{2} b(x,x)^{\frac{\alpha}{2}} + \frac{1}{2} c, \quad x \in E, \text{ where } \alpha < \lambda_1$$

(λ_1 is the smallest characteristic number of A in H),

$0 \leq \alpha < 2$, b and c arbitrary numbers. Then in E there exists at least one solution of $x = AF(x)$.

Theorem: Let A and a be the same as above. Let the potential operator F(x) satisfy: $\langle DF(x,s), s \rangle \leq a(s,s)$, $x, s \in E$, where DF(x,s) is the Gateaux differential of F. Then in E there exists at least one solution of $x = F(x)$.

Four further similar theorems are given. The author mentions M.M. Vainberg. - There are 7 references, 4 of which are Soviet, and 3 French.

ASSOCIATION: Latvyskiy gosudarstvennyy universitet (Latvian State University)

SUBMITTED: June 1, 1958

Card 2/2

AUTHOR: Vaynberg, M.M., Engel'son, Ya.L. (Moscow-Riga) SOV/39-45-4-1/7

TITLE: On the Conditional Extremum of Functionals in Linear Topological Spaces (Ob uslovnom ekstremume funktsionalov v lineynykh topologicheskikh prostranstvakh)

PERIODICAL: Matematicheskiy sbornik, 1958, Vol 45, Nr 4, pp 417-422 (USSR)

ABSTRACT: Lyusternik [Ref 1] has shown that if the real functionals $f(x)$ and $\varphi(x)$ defined in the real Banach space are differentiable according to Frechet and if x_0 is an extremal point of $f(x)$ with respect to the manifold $\varphi(x) = \varphi(x_0)$, where $\|\text{grad } \varphi(x_0)\| > 0$, then between the gradients there exists the relation $\text{grad } f(x_0) = \mu \text{grad } \varphi(x_0)$, $\mu = \text{const}$.

In the present paper the authors show with the aid of the methods elaborated by Lyusternik, that this theorem is also valid in linear topological spaces.

There are 7 Soviet references.

SUBMITTED: October 8, 1956

1. Topology 2. Functions - Theory

Card 1/1

AUTHORS: Vaynberg, M.M., and Engel'son, Ya.L. SOV/20-122-5-2/56

TITLE: On the Square Root of a Linear Operator in Locally Convex Spaces
(O kvadratnom korne iz lineynogo operatora v lokal'no vypuklykh prostranstvakh)

PERIODICAL: Doklady Akademii nauk, SSSR, 1958, Vol 122, Nr 5, pp 755-758 (USSR)

ABSTRACT: Vaynberg [Ref 1] investigated the square root of a linear completely continuous operator from L^q into L^p ($\frac{1}{p} + \frac{1}{q} = 1$). These results were extended by Engel'man [Ref 2] to an extended class of linear completely continuous operators in locally convex spaces. The present paper contains seven theorems on the square root of a linear bounded operator in locally convex spaces, where the assumption of the complete continuity is dropped. Let E be locally convex, E' strongly conjugate to E ; Let H be a Hilbert space dense in E' , $E \subset H \subset E'$; Let the topology of E majorize the topology in E introduced by H ; let the same be valid for the topologies of H and E' ; for $y \in H$, let the bilinear functional $\langle x, y \rangle$, where $y \in E'$ and $x \in E$ or $x \in E''$, be identical in H with the scalar product.

Theorem: Let A be a linear bounded operator of E' in E being selfadjoint and positive in H . Then the square root $A^{1/2}$ of the operator A considered in H is a bounded operator of H in E'' and

Card 1/2

On the Square Root of a Linear Operator in Locally Convex Spaces SOV/20-122-5-2/56

has a continuous continuation $\tilde{A}^{1/2}$ of E' into H .

Theorem: If E is a quasi barrel space (= espace tonnelle), then $A = A^{1/2} \tilde{A}^{1/2}$.

There are 7 references, 4 of which are Soviet, 1 American, and 2 French.

ASSOCIATION: Moskovskiy oblastnoy pedagogicheskiy institut imeni N.K. Krupskoy
(Moscow Oblast Pedagogical Institute imeni N.K. Krupskaya)
Latviyskiy gosudarstvennyy universitet imeni P. Stuchki
(Latvian State University imeni P. Stuchka)

PRESENTED: June 3, 1958, by S.L. Sobolev, Academician

SUBMITTED: June 2, 1958

Card 2/2

JANKOVCOVA, K., inz.; ENGELTHALER, K., inz.dr.

Refractory insulation materials. Stavivo 41 no.9:323-325
S'63.

1. Ustav pro technologii hrube keramiky, Horni Briza.

ENGELTHALER, K.

ENGELTHALER, K. Production methods of hard fire clay. p. 281

Vol. 34, no. 8, Aug. 1956

STAVIVO

TECHNOLOGY

Praha, Czechoslovakia

So: East European Accession Vol. 6, no. 2, 1957

Engelthaler, K.

CZECHOSLOVAKIA/Chemical Technology - Chemical Products and Their Application. Ceramics. Glass. Binders. Concrete. H-7

Abs Jour : Referat Zhur - Khimiya, No 1, 1958, 1996

Author : Engelthaler K., Engelthaler Z.

Inst : -

Title : Selection of Ceramic Pastes for Flameless Gas Combustion Burners.

Orig Pub : Stavivo, 1957, 35, No 5, 181-183

Abstract : Chamotte and quartz sand were used as the initial raw materials. Chamotte pastes with or without an addition of bakelite had inadequate mechanical strength and gas permeability. Best results were obtained on using quartz sand, of screened 1.5-2 mm particle size, with added pyrite cinders (as catalyst of the reaction of flameless combustion). Formula of the best paste (in % by weight; additives indicated in excess of 100%): 1.5-2 mm quartz sand 100, ground dolomite 1, feldspar 1, pyrite cinders 6,

Card 1/2

ENGELTHALER, K.; ENGELTHALER, Z.

"Coefficient of the linear thermal dilatation of fire-clay and Dinas-clay products. p.227"

SILIKATY. Praha, Czechoslovakia. Vol. 2, no. 3, 1958.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 6, Jun 59, Unclas

ENGELTHALER, K.; ENGELTHALER, Z.

"Volume thermal dilatation coefficient of fire-clay and Dinas-clay products. p. 239."

SILIKATY. Praha, Czechoslovakia. Vol. 2, no. 3, 1958.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 6, Jun 59, Unclas.

CZECHOSLOVAKIA/Chemical Technology. Chemical Products and Their
Application. Ceramics. Glass. Binding Materials.
Concrete.

H-13

Abs Jour: Ref Zhur-Khim., No 2, 1959, 5424.

Author : Engelthaler, Z.; Engolthaler, K.

Inst :

Title : High Quality Semiacid Wares with High Content of SiO₂.

Orig Pub: Stavivo, 1958, 36, No 4, 150-155.

Abstract: Experiments for the improvement of the quality of semi-
acid wares (SW) are described. The experiments were car-
ried out at West-Czech ceramic factories Horni Briza and
Chlumcany, (Czechoslovak People's Republic); the wares
were produced there by the plastic method of primary kao-
lins with large inclusions of quartz (up to 4-5 mm). The
quality of SWs of these factories was not high and there

Card : 1/3 VTHK - Horni Břiza, Czech.

47

CZECHOSLOVAKIA/Chemical Technology. Chemical Products and
Their Application. Ceramics. Glass. Binding Materials.
Concrete.

H-13

Abs Jour: Ref Zhur-Khin., No 2, 1959, 5424.

was no sufficient demand of them; thus, the mean σ^3 compr reached only 88 kg per sq.cm, the volumetric weight was 1.82 g per cub.cm and the absorption of water was 15.8%. By the substitution of the binding raw kaolin with the semiacid Kosice clay (composition in % by weight: SiO_2 - 71.5, Al_2O_3 - 24.5, Fe_2O_3 - 1.1, TiO_2 - 1.5; refractoriness - 1630⁰) and of chanotte with hydro-cyclone sand tailings (after enrichment of kaolins) of mean grain size less than 1 mm, they succeeded in raising the quality considerably and to prepare SWs of following batches: I. 70% of clay + 30% of sand tailings; II. 40% of clay + 60% of sand tailings, and their properties were as follows (I and II respectively): SiO_2 content -

Card : 2/3

CZECHOSLOVAKIA/Chemical Technology. Chemical Products and
Their Application. Ceramics. Glass. Binding Materials.
Concrete.

H-13

Abs Jour: Ref Zhur-Khin., No 2, 1959, 5424.

76.2, 84.9%; absorption of water - 10, 14.4%; volumetric weight - 1.98, 1.84 g per cub.cm; σ_{comp} - 453, 247 kg per sq.cm; temperature at the start of deformation under the load of 2 kg per sq.cm - 1435, 1430°. The authors assume that the SWs of improved quality will meet a wide application in consequence of the high temperature at the start of deformation, high σ_{comp} and satisfactory thermal stability (5 - 8 thermal cycles before the start of losses). - S. Glebov.

Card : 3/3

48

CZECHOSLOVAKIA/Chemical Technology. Chemical Products and
Their Applications. Ceramics. Glass. Binding Materials.
Concrete.

H

Abs Jour: Ref Zhur-Khim., No 8, 1959, 28214.

Author : Engelthaler, K. and Engelthaler, Z.

Inst :

Title : Development of Improved Technology for the Production
of Lightweight Refractories by the Foam Process.

Orig Pub: Stavivo, 36, No 10, 386-389 (1958) (in Czech with
summaries in German, French, English, and Russian)

Abstract: Laboratory bench-scale studies have been made on the
effect of various technical factors on the properties
of lightweight refractories (LR) made from Gernobrizsko
[spelling uncertain] kaolin by the foam process. Among

Card : 1/5

174

CZECHOSLOVAKIA/Chemical Technology. Chemical Products and
Their Applications. Ceramics. Glass. Binding Materials.
Concrete.

H

Abs Jour: Ref Zhur-Khin., No 8, 1959, 28214.

the factors studied are the ratio of binder to filler, the particle size distribution of the raw clay, the foaming time, the water content of the slip, type of drying process employed, and firing time. The raw material used consisted of raw or eluted and calcined at 1400° kaolin of grain size under 0.2 mm; the emulsifying agent used was the protein-type substance 'afretan'; a solution of dextrin was used as the stabilizer. A series of experiments have shown that the optimum water content of the slip should lie within the limits of 30-40% (based on the dry charge) and that the bulk density and compression strength

Card : 2/5

CZECHOSLOVAKIA/Chemical Technology. Chemical Products and
Their Applications. Ceramics. Glass. Binding Materials.
Concrete.

H

Abs Jour: Ref Zhur-Khim., No 8, 1959, 28214.

[load-bearing capacity] of the IR depend on the raw-kaolin/grog ratio used in the composition. The main features of the process for the production of the IR are listed below. Composition (wt%): kaolin grog 70, raw kaolin 30, water 44.4 (per 100 parts by wt of solids), 'afretan' 6, 30% dextrin solution 6; all of the slip constituents are mixed together for about 2 min, during which time a uniform fine foaming develops, after which the mass is poured on a conveyor belt on which it is moved for three hrs under IR irradiation; in the course of the IR heating, the water content of the mass is reduced to 18-20%; the slip is taken off the conveyor and given a final 45 hr

Card : 3/5

175

CZECHOSLOVAKIA/Chemical Technology. Chemical Products and
Their Applications. Ceramics. Glass. Binding Materials.
Concrete.

H

abs Jour: Ref Zhur-Khim., No 8, 1959, 28214.

drying (to a water content of 1.2%) in driers heated by hot air from the central heating plant. The LR are fired in chamber kilns temperature of 1280° (for LR produced for operating temperatures of 1200°) and 1410° (for LR produced for operating temperatures of 1400°). The raw LR, which before firing have a bulk density of 0.38 gm/cm³, after firing 18-25 kg/cm². The raw LR fired to 1410° have a bulk density of 0.86 gm/cm³ and a compression strength of 30-45 kg/cm². After firing the LR have to be ground to the desired size. The LR are suitable for the internal (exposed) thermal insulation of industrial furnaces.

Card : 4/5

CZECHOSLOVAKIA/Chemical Technology. Chemical Products and
Their Applications. Ceramics. Glass. Binding Materials.
Concrete.

H

Abs Jour: Ref Zhur-Khim., No 8, 1959, 28214.

The above-described process for the production of
LR is intended for commercial application. -- S.
Glebov.

Card : 5/5

176

COUNTRY : CZECHOSLOVAKIA
CATEGORY : Chemical Technology. Chemical Products and
Their Uses. Part 2. Ceramics. Glass. Binding*
ABS. JOUR. : RZKhim., No. 1 1960, No. 1683
AUTHOR : Engelthaler, K.; Engelthaler, Z.
INST. :
TITLE : Study of the Production of Light Dinas Brick

ORIG. PUB. : Stavivo, 1959, 37, No 6, 194-195
ABSTRACT : The results of experimental work for the pro-
duction of light Dinas brick with a firing
weight of 0.705 g/cm³, with a resistance to
pressure of 35 kg/cm² and with a temperature
of 1440° under 2 kg/cm² load are described.
-- From authors' summary

*Materials. Concrete. Ceramics

CARD: 1/1

Engelthaler Z.

CZECHOSLOVAKIA/Chemical Technology. Chemical Products and their Application. J-12
Glass. Ceramics. Building Materials.

Abs Jour: Referat Zh.-Kh., No 8, 1957, 27697

Author : Z. Engelthaler.

Inst :

Title : Water Absorption by Fine-Grained Burnt Shales and Ground Chamotte.

Orig Pub: Stavivo, 1956, 34, No 10, 361-363.

Abstract: Two methods of determination of water absorption (W) by chamotte powder (CP) with grains 1 to 7 mm large were compared. The method of the Stredoslovenskiye ceramic works differs from the standard method in that the weight of the CP saturated with water is determined by weighing the measuring glass of 100 cub.cm capacity filled first with CP up to the mark and, after that, with water; the water is poured out and the volume of CP is computed by subtracting the volume of water from 100 cub.cm. The Swedish method (of the Hoganas factory) consists in the following: the weighed CP is boiled

Card : 1/2

-83-

CZECHOSLOVAKIA/Chemical Technology. Chemical Products and their Application. J-12
Glass. Ceramics. Building Materials.

Abs Jour: Referat Zh.-Kh., No 8, 1957, 27697

in water, cooled, water is decanted off, CP is put on a screen, shaken 6 times, the screen with CP is submerged into the mixture of equal parts of ethyl alcohol and ether for 45 sec. (in order to remove water from the grain surface), shaken 6 times again, submerged into CCl_4 , the specific gravity of which is known with the accuracy to 0.001, for 30 sec (in order to eliminate the mixture of alcohol and ether), taken out and dried at 110° until the weight remains constant. Knowing the weights of the dry and the water soaked CP, the weight of CP in CCl_4 , the specific gravities of CP and CCl_4 , it is easy to compute the water absorption by PC. The related experiments showed the advantages of the Swedish method in comparison with other methods. Divergencies of W in 5 experiments with 3 kinds of burnt shales with grains 1 to 7 mm large were less than 0.7 of an absolute % (5 to 9 relative %).

Card : 2/2

-84-

Engelthaler, Z.

CZECHOSLOVAKIA/Chemical Technology - Chemical Products and Their Application. Ceramics. Glass. Binders. Concrete. H-7

Abs Jour : Referat Zhur - Khimiya, No 1, 1958, 1996

Author : Engelthaler K., Engelthaler Z.

Inst : -

Title : Selection of Ceramic Pastes for Flameless Gas Combustion Burners.

Orig Pub : Stavivo, 1957, 35, No 5, 181-183

Abstract : Chamotte and quartz sand were used as the initial raw materials. Chamotte pastes with or without an addition of bakelite had inadequate mechanical strength and gas permeability. Best results were obtained on using quartz sand, of screened 1.5-2 mm particle size, with added pyrite cinders (as catalyst of the reaction of flameless combustion). Formula of the best paste (in % by weight; additives indicated in excess of 100%): 1.5-2 mm quartz sand 100, ground dolomite 1, feldspar 1, pyrite cinders 6,

Card 1/2

CZECHOSLOVAKIA/Chemical Technology - Chemical Products and Their H-7
Application. Ceramics. Glass. Binders. Concrete.

Abs Jour : Ref Zhur - Khimiya, No 1, 1958, 1996

sulfite-alcohol vinasse 3.5, milk of lime 7.5; moisture content of paste during forming 7.6%; firing temperature 1370°; increase during firing about 4%. The finished blocks for the burners had a sufficient mechanical strength, the grain did not chip, gas permeability high and uniform, the gas burned well and the burners showed high efficiency. Photographs of the shaped articles for the burners are included.

Card 2/2

ENGELTHALER, Z.; ENGELTHALER, K.

"Coefficient of the linear thermal dilation of fire-clay and Dinasclay products. p.227."

SILIKATY. Praha, Czechoslovakia. Vol. 2, no. 3, 1958.

Monthly list of East European Accessions (EEAI), IC, Vol. 8, No. 6, Jun 59, Unclas.

ENGELTHALER, Z.; ENGELTHALER, K.

"Volume thermal dilatation coefficient of fire-clay and Dinas-clay products. p. 239."

SILIKATY. Praha, Czechoslovakia. Vol. 2, no. 3, 1958.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 6, Jun 59, Unclas.

CZECHOSLOVAKIA/Chemical Technology. Chemical Products and Their
Application. Ceramics. Glass. Binding Materials.
Concrete.

H-13

Abs Jour: Ref Zhur-Khin., No 2, 1959, 5424.

Author : Engelthaler, Z.; Engelthaler, K.

Inst :

Title : High Quality Semiacid Wares with High Content of SiO₂-

Orig Pub: Stavivo, 1958, 36, No 4, 150-155.

Abstract: Experiments for the improvement of the quality of semi-
acid wares (SW) are described. The experiments were car-
ried out at West-Czech ceramic factors Horni Briza and
Chlumcany, (Czechoslovak People's Republic); the wares
were produced there by the plastic method of primary kao-
lins with large inclusions of quartz (up to 4-5 mm). The
quality of SWs of these factories was not high and there

Card : 1/3

47

CZECHOSLOVAKIA/Chemical Technology. Chemical Products and
Their Application. Ceramics. Glass. Binding Materials.
Concrete.

H-13

Abs Jour: Ref Zhur-Khin., No 2, 1959, 5424.

was no sufficient demand of them; thus, the mean σ compr
reached only 88 kg per sq.cm, the volumetric weight
was 1.82 g per cub.cm and the absorption of water was
15.8%. By the substitution of the binding raw kaolin
with the semiacid Kosice clay (composition in % by
weight: SiO_2 - 71.5, Al_2O_3 - 24.5, Fe_2O_3 - 1.1, TiO_2 -
1.5; refractoriness - 1630^o) and of chamotte with hydro-
cyclone sand tailings (after enrichment of kaolins) of
mean grain size less than 1 mm, they succeeded in raising
the quality considerably and to prepare SWs of following
batches: I. 70% of clay + 30% of sand tailings; II.
40% of clay + 60% of sand tailings, and their properties
were as follows (I and II respectively): SiO_2 content -

Card : 2/3

CZECHOSLOVAKIA/Chemical Technology. Chemical Products and
Their Application. Ceramics. Glass. Binding Materials.
Concrete.

H-13

Abs Jour: Ref Zhur-Khin., No 2, 1959, 5424.

76.2, 84.9%; absorption of water - 10, 14.4%; volumetric
weight - 1.98, 1.84 g per cub.cm; σ_{comp} - 453, 247 kg
per sq.cm; temperature at the start of deformation under
the load of 2 kg per sq.cm - 1435, 1430°. The authors
assume that the SWS of improved quality will meet a wide
application in consequence of the high temperature at the
start of deformation, high σ_{comp} and satisfactory ther-
mal stability (5 - 8 thermal cycles before the start of
losses). - S. Glebov.

Card : 3/3

48

CZECHOSLOVAKIA/Chemical Technology. Chemical Products and
Their Applications. Ceramics. Glass. Binding Materials.
Concrete.

H

Abs Jour: Ref Zhur-Khim., No 8, 1959, 28214.

Author : Engelthaler, K. and Engelthaler, Z.

Inst :

Title : Development of Improved Technology for the Production
of Lightweight Refractories by the Foam Process.

Orig Pub: Stavivo, 36, No 10, 386-389 (1958) (in Czech with
summaries in German, French, English, and Russian)

Abstract: Laboratory bench-scale studies have been made on the
effect of various technical factors on the properties
of lightweight refractories (LR) made from Gornobrizsko
[spelling uncertain] kaolin by the foam process. Among

Card : 1/5

174

CZECHOSLOVAKIA/Chemical Technology. Chemical Products and
Their Applications. Ceramics. Glass. Binding Materials.
Concrete.

H

Abs Jour: Ref Zhur-Khin., No 8, 1959, 28214.

the factors studied are the ratio of binder to filler, the particle size distribution of the raw clay, the foaming time, the water content of the slip, type of drying process employed, and firing time. The raw material used consisted of raw or eluted and calcined at 1400° kaolin of grain size under 0.2 mm; the emulsifying agent used was the protein-type substance 'afretan'; a solution of dextrin was used as the stabilizer. A series of experiments have shown that the optimum water content of the slip should lie within the limits of 30-40% (based on the dry charge) and that the bulk density and compression strength

Card : 2/5

CZECHOSLOVAKIA/Chemical Technology. Chemical Products and
Their Applications. Ceramics. Glass. Binding Materials.
Concrete.

II

Obs Jour: Ref Zhur-Khim., No 8, 1959, 28214.

[load-bearing capacity] of the LR depend on the raw-
kaolin/grog ratio used in the composition. The main
features of the process for the production of the LR
are listed below. Composition (wt%): kaolin grog 70,
raw kaolin 30, water 44.4 (per 100 parts by wt of
solids), 'afretan' 6, 30%-dextrin solution 6; all of
the slip constituents are mixed together for about
2 min, during which time a uniform fine foaming de-
velops, after which the mass is poured on a conveyor
belt on which it is moved for three hrs under IR ir-
radiation; in the course of the IR heating, the water
content of the mass is reduced to 18-20%; the slip
is taken off the conveyor and given a final 45 hr

Card : 3/5

175

CZECHOSLOVAKIA/Chemical Technology. Chemical Products and
Their Applications. Ceramics. Glass. Binding Materials.
Concrete.

H

Abs Jour: Ref Zhur-Khim., No 8, 1959, 28214.

drying (to a water content of 1.2%) in driers heated by hot air from the central heating plant. The LR are fired in chamber kilns temperature of 1280° (for LR produced for operating temperatures of 1200°) and 1410° (for LR produced for operating temperatures of 1400°). The raw LR, which before firing have a bulk density of 0.38 gm/cm³, after firing 18-25 kg/cm². The raw LR fired to 1410° have a bulk density of 0.86 gm/cm³ and a compression strength of 30-45 kg/cm². After firing the LR have to be ground to the desired size. The LR are suitable for the internal (exposed) thermal insulation of industrial furnaces.

Card : 4/5

CZECHOSLOVAKIA/Chemical Technology. Chemical Products and
Their Applications. Ceramics. Glass. Binding Materials.
Concrete.

H

Abs Jour: Ref Zhur-Khin., No 8, 1959, 28214.

The above-described process for the production of
LR is intended for commercial application. -- S.
Glebov.

Card : 5/5

176

COUNTRY : CZECHOSLOVAKIA
CATEGORY : Chemical Technology. Chemical Products and
Their Uses. Part 2. Ceramics. Glass. Binding*
ABS. JOUR. : RZKhim., No. 1 1960, No. 1883
AUTHOR : Engelthaler, K.; Engelthaler, Z.
INST. : -
TITLE : Study of the Production of Light Dinas Brick

ORIG. PUB. : Stavivo, 1959, 37, No 6, 194-195

ABSTRACT : The results of experimental work for the pro-
duction of light Dinas brick with a firing
weight of 0.705 g/cm³, with a resistance to
pressure of 35 kg/cm² and with a temperature
of 1440° under 2 kg/cm² load are described.
-- From authors' summary.

*Materials. Concrete. Ceramics

CAPD: 1/1

KOHEGYI, Imre, dr.; MELATH, Ferenc, dr.; ENGERT, Imre, dr.

Results of dysentery vaccination in gypsy settlement. Orv. hetil.
103 no.44:2081-2084 4 N '62.

1. Pecsí Szenbanyassati Troszt, Uzemegeszsegugyi Szolgalat es Pecs
mj. v.-KOJAL es Baranya-M. KOJAL, Laboratorium.
(DYSENTERY, BACILLARY)

L 49225-68 EMI(1) IJP(6)

ACCESSION NR: AP6015215

RU/COOL/64/000/007/0259/265 13

Author, Eliza (Engineer, Chief of service laboratory) (Bucharest); Tomoiaga, ...
Head Engineer, Chief of electrotechnical laboratory (Bucharest)

SOURCE: Electrotehnica, no. 7, 1964, 259-265

... report, electronics, electromechanical program ...
authors' English summary modified ... authors' review ...

NO REF SOF: 003

OTHER: 005

0415

Card

ENGHIS, P.

On the class of V_3 Riemann spaces with nontransitive motion group. Studia Univ B-B S. Math-Phys 8 no.1:25-32 '63.

ENGHIS, P.

Delimitations in the problem of a class of some V_4 Riemann spaces with nontransitive G_4 group of motions. *Studia Univ B-B S. Math-Phys* 9 no.2:23-30 '64.

MANOLOV, D.; TENCHEV, G.; ENGIBAROV, A.; ATANASOV, G.

Action of the BCG vaccine on the tuberculous morbidity in a
precinct of Sofia. 'Trudy epidemiol mikrobiol 8:43-48 '61 [publ.'62].

✓

ENGIBAROV, M.

"Experiences of the Vulkan State Industrial Enterprises in improving the quality of the ironwork production."

p. 27 (Leka Promishlenost, Vol. 6, no. 10, 1957, Sofia, Bulgaria.)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 6, June 1958.

ENGL, D.

Export of meat with special reference to the origin of beef. p. 1137

TEHNIKA, Beograd, Vol 10, No. 8, 1955

SO: EEAL, Vol 5, No. 7, July 1956

COUNTRY : YUGOSLAVIA H
CATEGORY : Chemical Technology. Chemical Products and Their
Applications. Food Industry.
ABS. JOUR. : RZhKhim., No 17, 1959, No. 62642
AUTHOR : Kendereski, S.; Engl, D.
INSTITUTE : -
TITLE : Effects of "Pok" Preparation on the Color of Meat
in the Salting Process
ORIG. PUB. : Tehnika, 1958, No 11, Prehran. ind., 12, No 11,
161-163
ABSTRACT : Presented are results of the study involving
additions of "Pok" preparation (made by the van
Hees firm of the GDR) to a salting mixture in the
meat salting process. It is demonstrated that the
above preparation preserves the color of salted
meat. --K. Oblaratskaya

Card: 1/1

H - 127

YUGOSLAVIA / Chemical Technology. Chemical Products. H
Food Industry.

Abs Jour: Ref Zhur-Khimiya, 1958, No 20, 69092.

Author : Kendereski S., Engl D.
Inst : Not given.
Title : Phosphates in Meat Industry.

Orig Pub: Tehnika, 1958, 13, No 4; Prehran. ind., 12, No
4, 51-53.

Abstract: Possibility of employing phosphate preparations
of various makes in the meat industry has been
investigated. The best results were obtained
with "Plazmal" (P) preparation. In the manufac-
ture of sausages from fresh meat, addition of P

Card 1/2

YUGOSLAVIA / Chemical Technology. Chemical Products. H
Food Industry.

Abs Jour: Ref Zhur-Khimiya, 1958, No 20, 69092.

Abstract: has no substantial importance. In the processing of meat stuffing from chilled meat and stuffing, which lost their binding characteristics because of consistent processing, addition of P improves considerably the quality of meat and of the products obtained therefrom. An addition of 0.3% P yields solid, juicy, tasty sausages, of good appearance and of pleasurable odor.

Card 2/2

102

ENGL, O.; Vicek, V.

"Critical recrystallization of boiler material."

ENERGETIKA, Praha, Czechoslovakia, Vol. 8, No. 8, August 1958

Monthly List of East European Accessions Index (EEAI), Library of Congress,
Vol. 8, No. 8, August 1959

Unclassified

ENGLAND, I., meteorolog-sinoptik; ZHDANOV, L.A., mladshiy nauchnyy sotrudnik

Some results of aerological sounding in tropical zones from the
motorship "Kooperatsia." Inform. biul. Sov. antark. eksp. no.38:
16-19 '63.

(MIRA 16:7)

(Atlantic Ocean--Meteorology--Observations)

ENGLAND, I., meteorolog

Methodology of photographing clouds during the eighth voyage
of the diesel-electric ship "Ob'." Inform. biul. Sov. antark.
eksp. no.47:29-34 '64. (MIRA 18:4)

1. Natsional'nyy komitet po geodezii i geofizike, Germanskaya
Demokraticeskaya Respublika.

ENGLANDER, ZSUZSA

SCHMIDT, Marta; ENGLANDER, Zsuzsa

Laboratory diagnosis of melanuria. Kiserletes orvostud. 9 no.2:211-214
Apr 57.

1. Országos Onkológiai Intézet.
(MELANOMA, diar.
melanoblastom, modified evaluation of urinary Jacksch
test (Hun))

PINTER, Zoltan, dr.; ENGLANDER, Zsuzsanna, dr.; KELETI, Bela, dr.

The evaluation of serum glutamic pyruvic transaminase determinations
in obstructive jaundice and cholelithiasis. Orv. hetil. 103 no.39:
1847-1849 30 S '62.

1. Magyar Nephadsereg Egészségügyi Szolgálat.
(JAUNDICE, OBSTRUCTIVE) (CHOLELITHIASIS)
(LIVER NEOPLASMS) (ALANINE AMINOTRANSFERASE)
(ENZYME TESTS) (BLOOD)

2

[HUNGARY

FIATER, Zoltan, Dr, physician-major (orvosornagy), KELETI, Bela, Dr,
physician-lieutenant colonel (orvosalezredes), ENGLANDER, Zsuzsa, Dr.

"Three Cases of Carbon Tetrachloride Poisoning."

Budapest, Honvedorvos, Vol 15, No 1, Jan-Mar 63, pp 13-18.

Abstract: [Authors' Hungarian summary] The authors describe their observations on patients poisoned by carbontetrachloride. They discuss the modes of the use of carbontetrachloride and the symptoms of the disease caused by it. They give special attention to the kidney damage caused by this chemical and they stress the importance of a detailed questioning of the patients in relation to their occupation. All of 12 references are Western.

1/1

NOVOTNY, A.; SCHREIBER, B.; DVORAK, V.; CHYBA, J.; ENGLER, V.

Mortality due to pulmonary embolism in gynecology. Acta Univ.
Carol. [med.] (Praha) 9 no.5:385-399 '63

SKAMRNOVA, B.; PARIZKOVA, J.; matematicka spoluprace RUZICKA, L.; ENGLER, V.

Assessment of disproportionate (spiderlike) and diffuse types of obesity by measurement of the total subcutaneous body fat. Cas. lek. cesk. 102 no.6:142-146 8 F '63.

1. II. interni klinika lebarske fakulty hygienicke KU v Praze, prednosta prof. dr J. Syllaba Vyzkumny ustav telovychovy v Praze, reditel MUDr. E. Eiselt Katedra zdravotnictvi lebarske fakulty hygienicke KU v Praze, vedouci prof. dr. Fr. Blaha.
(OBESITY) (ADIPOSE TISSUE)

CZECHOSLOVAKIA

ENGLER, V.; NAUS, A.; Chair of Hygiene at the Medical Faculty of Hygiene, Charles University (Katedra Zdravotnictvi Lekarske Fakulty hygienicke KU), Prague, Head (Vedouci) Prof. Doctor F. Blaha; Department of Prevention of Occupational Diseases at the Medical Faculty of Hygiene, Charles University (Oddeleni Prevence Nemoci z Povolani Lekarske Fakulty Hygienicke KU), Prague, Head (Vedouci) Doctor A. Naus.

"Analysis of Morbidity in a Foundry of a Large Engineering Plant."

Prague, Pracovni Lekarstvi, Vol 15, No 9, 1963, pp 374 - 379

Abstract: (Authors' English Summary modified) Analysis of morbidity in 1960 is presented. A study connecting general morbidity, and the morbidity connected with inability to work in the plant will make possible a deeper analysis of the individual diseases and may help the factory medical staff. In conformity with published data unfavorable working conditions in foundries were confirmed. Mainly diseases of upper respiratory passages and number of injuries tend to be very high in numbers. 2 Figures, 6 Tables, 6 Czech, 2 Russian references.

1/1

ENGLER, Vladimir; NAUS, Antonin

Review of the causes of disability in foundry workers. Prac.
lek. 16 no.2:77-79 Mr'64

1. Katedra zdravotnictví lékařské fakulty hygienické KU
[Karlovy university] v Praze (vedoucí: prof. dr. F. Elaha);
a Oddělení prevence nemoci z povolání lékařské fakulty
hygienické KU [Karlovy university] v Praze (vedoucí: MUDr.
A. Naus, CSc.).

ENGLER, V.; NAUS, A.

Comments about the control of morbidity by the members of hygienic and epidemiologic service. Cesk. hyg. 9 no.4:429-432 Ag '64.

1. Katedra zdravotnictvi a oddeleni prevence nemoci z povolani lekarske fakulty hygienicke Karlovy University, Praha.