

TARNOVSKIY, I.Ya.; SMIRNOV, V.K.; KOTSAR', S.L.

Replacing drop forging by rolling in mills. Kus.-shtam.proizv.
1 no.3:18-22 My '59. (MIRA 12:10)
(Rolling (Metalwork))

TARNOVSKIY, I.Ya.; SMIRNOV, V.K.; KOTSAR', S.L.; BEDIN, N.A.; BELYAKOV,
V.I.

Intensifying the rolling of billets for forging. Kus.-shtam.
proizv. 1 no.6:1-6 Je '59. (MIRA 12:9)
(Rolling (Metalwork))

S/137/61/000/007/031/072
A060/A101

AUTHORS: Tarnovskiy, I. Ya.; Smirnov, V. K.; Kotsar', S. L.

TITLE: Main results of the study of longitudinal rolling of varying section profiles

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 7, 1961, 11, abstract 7D75
("Tr. Konferentsii: Tekhn. progress v tekhnol. prokatn. proiz-va".
Sverdlovsk, Metallurgizdat, 1960, 381-394)

TEXT: The authors consider the elements of the theory of longitudinal periodic rolling determination of the limiting conditions for obtaining varying-section profiles on the basis of the analysis of metal flow, determination of the limiting conditions for obtaining varying section profiles on the basis of the analysis of force conditions in the strain seat, the production of links for the caterpillar track of the tractor C-100 (S-100), replacement of stamping and machining by rolling in the production of various tractor parts, manufacture of varying section blanks on forging rolls after their stamping in mechanical stamping presses. The possibility of applying longitudinal periodic rolling in the manufacture of tractor parts is demonstrated.

[Abstracter's note: Complete translation]

A. Bulanov

Card 1/1

TARNOVSKIY, I.Ya; SMIRNOV, V.K.; KOTSAR', S.L.

Kinematics of the nonstationary center of deformation in rolling.
Izv. vys. ucheb. zav.; chern. met. 4 no.11(97-109 '61. (MIRA 14:12)

1. Ural'skiy politekhnicheskii institut.
(Rolling (Metalwork))
(Deformations (Mechanics))

TARNOVSKIY, Iosif Yakovlevich; SMIRNOV, Vitaliy Kuz'mich; KOTSAR',
Sergey Leonidovich; PAL'MOV, Ye.V., prof., retsenzent; LEDNEV,
M.P., kand.tekhn.nauk, retsenzent; KRYZHOVA, M.L., red.izd-va;
TURKINA, Ye.D., tekhn. red.

[Longitudinal rolling of merchant shapes with a varying cross
section] Prodol'naiia prokatka profilei peremennogo sechenia.
Sverdlovsk, Metallurgizdat, 1962. 366 p. (MIRA 15:7)
(Rolling (Metalwork))

TARNOVSKIY, I.Ya.; SMIRNOV, V.K.; KOTSAR', S.L.

Increase in width during the rolling of strips of variable thickness. Izv. vys. ucheg. zav.; chern met. 5 no.1:101-111 '62. (MIRA 15:2)

1. Ural'skiy politekhnicheskiy institut.
(Rolling(Metalwork))

MAKAYEV, Sergey Vladimirovich; VINOKUROV, Izrail Yakovlevich; MERKSIN,
Boris Vasil'yevich; FEYGIN, Geshel' Davidovich; SKRYABIN, Nikolay
Petrovich; RYABOKON', Nikolay Kononovich; LEDNEV, M.P., retsenzert;
~~KOTSAR', Sergey Leonidovich, red.~~; BUR'KOV, M.M., red.izd-va;
MAL'KOVA, N.T., tekhn. red.

[Production of lightweight sections]Proizvodstvo oblegchennykh
profilei. [By]S.V.Makaev i dr. Sverdlovsk, Metallurgizdat, 1962.
215 p. (MIRA 16:3)

(Rolling (Metalwork))

TARNOVSKIY, Iosif Yakovlevich; PAL'MOV, Yevgeniy Vasil'yevich;
TYAGUNOV, Vladimir Arkad'yevich; MAKAYEV, Sergey
Vladimirovich; KOTEL'NIKOV, Veniamin Petr'ovich;
ANDREYUK, Leonid Vasil'yevich. Primal uchastiye
KOTSAR', S.L.; LYASHKOV, V.B., red.; SKOROBOGACHEVA,
A.P., red.izd-va; DOBUZHINSKAYA, L.V., tekhn. red.

[Rolling on a blooming mill] Prokatka na bliuminge. Mo-
skva, Metallurgizdat, 1963. 388 p. (MIRA 16:10)
(Rolling (Metalwork))

KOTSAR, S.L.; TARNOVSKIY, I.Ya.

Stressed and deformed state during the upsetting of a thick strip
with one external zone. Izv. vys. ucheb. zav.; chern. met. 7
no.3:95-101 '64. (MIRA 17:4)

1. Ural'skiy politekhnicheskii institut.

KOTSAR', S. L.;TARNOVSKIY, I. Ya.

Stressed and deformed state and the equation of the movement of a strip being gripped by the rolls. Izv.vys.ucheb.zav.; Chern-met.7 no. 5:75-80 '64. (MIRA 17:5)

1. Ural'skiy politekhnicheskiy institut.

TARNOVSKIY, I. Ya.; KOTSAR', S.L.

Dynamics of the gripping of a strip by the rollers. Izv. vys.
ushsb. zav.; Chern. met. 7 nos. 32-38 '64 (MIRA 17:8)

i. Ural'skiy politekhnicheskiy institut.

TARNOVSKIY, I.Ya.; KOTSAR', S.L.; TARNOVSKIY, V.I.

Calculating the power and force parameters of rolling ~~Report No. 8~~
Izv. ~~rys.~~ ucheb. zav.; chern. met. 8 no.7:82-87 '65. (MIRA 18:7)

1. Ural'skiy politekhnicheskiy institut.

TARNOVSKIY, I.Ya.; KOTSAR', S.L.; TARNOVSKIY, V.I.

Calculating force and energy parameters in rolling. Izv. vys.
ucheb. zav.; Chern. met. 8 no.9:122-128 '65. (MIRA 18:9)

1. Ural'skiy politekhnicheskiy institut.

KOTSAR', S.

Technical progress of a factory. Grazhd. av. 22 no.1:22
Ja '65. (MIRA 18:11)

FREYDENZON, Ye.Z.; FREYDENZON, Yu.Ye.; KOTSAR', S.L.; ZATULOVSKAYA, Ye.Z.;
Prinimali uchastiye: KAS'YANOVA, K.S.; MUDRIK, L.Ya.; TIMOFEYEVA,
T.D.; KOTEL'NIKOVA, Z.G.; VOYLCHNIKOVA, A.I.; VASEVA, R.S.;
GNATYUK, P.I.; MYKOL'NIKOV, A.A.; BURKSER, A.Ye.; PONER, D.M.;
OGORODNIKOV, G.K.

Developing an efficient shape for slab ingots. Stal' 25 no.6:
539-543 Je '65. (MIPA 18:6)

1. Nizhne-Tagil'skiy metallurgicheskiy kombinat (for Ye. Freydenzon,
Yu. Freydenzon, Kotsar', Zatulovskaya).

KOTSAR', V.M.; STEPURA, N.N.

Pulse pickups for measuring the length of rolled shapes. Sbor.
rats.predl.vnedr.v proizvod. no.5:25-26 '60. (MIRA 14:8)

1. Makeyevskiy metallurgicheskiy zavod.
(Rolling (Metalwork)) (Electronic instrument)

KOTSARENKO, L.I.

Recent data on the stratigraphy of the upper Cretaceous of
Astrakhan Province. Trudy VNIGNI no.29:119-121 vol.3 '61.
(MIRA 14:9)
(Astrakhan Province--Geology, Stratigraphic)

DZIS'KO, V.A.; BORISOVA, M.S.; KOTSARENKO, N.S.; KUZNETSOVA, E.V.

Effect of the acidity of oxide catalysts on their catalytic activity. Part 2: Dehydration of isopropyl alcohol. Kin.i
kat. 3 no.5:728-733 S-0 '62. (MIRA 16:1)

1. Institut kataliza Sibirskogo otdeleniya AN SSSR.
(Isopropyl alcohol) (Dehydration (Chemistry))
(Catalysis)

KOTSARENKO, Nikolay Vasil'yevich; DEVOCHKIN, N.I., red.

[The most inexpensive meat] Samoe deshevoe miaso. Volgo-
grad, Nizhne-Volzhscoe knizhnoe isd-vo, 1965. 18 p.
(MIRA 18:3)

1. Glavnyy zootekhnik sovkhoza "Romashkovskiy" Pallasovskogo
proizvodstvennogo upravleniya, Pallasovskiy rayon (for
Kotsarenko).

ACC NR: AP 7001300

SOURCE CODE: UR/0057/66/036/012/2107/2110

AUTHOR: Kotsarenko, N.Ya.; Fedorchenko, A.M.

ORG: Kiev State University im. T.G.Shevchenko (Kiyevskiy gosudarstvennyy universitet)

TITLE: Concerning the stationary distribution of plasma in the field of a strong electromagnetic wave

SOURCE: Zhurnal tekhnicheskoy fiziki, v. 36, no. 12, 1966, 2107-2110

TOPIC TAGS: plasma electromagnetic wave, isotropic plasma, magnetoactive plasma, electron density, nonlinear effect, mathematic physics, standing wave

ABSTRACT: The authors discuss the distribution of electrons in a plasma in the presence of a standing electromagnetic wave. The motion of the plasma ions is neglected, and that of the electrons is treated in the hydrodynamic approximation. The steady electric field induced in the plasma by the standing waves is introduced on the basis of earlier work of the authors (ZhTF, 36, 460, 1966); it is proportional to the time average of the vector product of the electron velocity and the magnetic field strength. It is assumed that the steady field is strong, and the electron pressure is neglected. There is presented and discussed a solution of the quasilinear self-consistent equations derived on the basis of the above simplifying assumptions. It is shown that the electron density is decreased in the regions of high field strength. The authors also discuss the solution to the analogous problem for the case

Card 1/2

UDC: 53.39

ACC NR: AP 7001300

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R000825420007-3

when there is present an external longitudinal magnetic field. In the case of an ordinary standing wave the behavior of the electron density is qualitatively the same as in an isotropic plasma. In the case of an extraordinary standing wave the behavior of the electron density depends on the ratio of the wave frequency to the Larmor frequency, when this ratio exceeds unity the electron density distribution is qualitatively the same as in an isotropic plasma, but when this ratio is less than unity the electron density is increased in the regions of high field strength. For very high field strengths the equations give a negative electron density; this is ascribed to the fact that the electron pressure is not negligible in regions of very low electron density. Orig. art. has: 16 formulas and 2 figures.

SUB CODE: 20

SUBM DATE: 15Nov65

ORIG. REF: 004

Card 2/2

L 25503-66 EPF(n)-2/EWT(1)/ETC(f)/EWG(m) IJP(c) AT

ACC NR: AP6011390

SOURCE CODE: UR/0057/66/038/003/0460/0465

AUTHOR: Kotsarenko, N.Ya.; Fedorchenko, A.M.

76
B

ORG: Kiev State University im. T.G.Shevchenko (Kiyevskiy gosudarstrennyy universitet)

TITLE: Stationary fields and currents induced in a plasma by a strong high frequency field

SOURCE: Zhurnal tekhnicheskoy fiziki, v. 36, no. 3, 1966, 460-465

TOPIC TAGS: ionized plasma, magnetohydrodynamics, nonlinear effect, nonlinear plasma, electric field, hf field, induced current

ABSTRACT: The authors discuss in a "quasilinear approximation" the stationary charge and current distribution induced in a plasma by a high frequency field. The nonlinear effect involved in the calculation is the average force on the electrons proportional to the gradient of the square of the high frequency electric field. Yu.A. Berezin, T.I.Gutkin, S.N.Lofovskiy, and T.R.Soldatenko (ZhTF,34,448,1964) have given similar calculations, but the present authors object to the assertion of Berezin et al. that the plasma can be treated as neutral in the zeroth approximation. The present calculations are based on the magnetohydrodynamic equations for the motion of the electrons of a cold plasma. The effect of collisions of the electrons with the surrounding particles is taken into account by a term in the equation of motion representing a retarding force proportional to the velocity. These equations are approximately

Card 1/2

UDC: 533.9

L 25503-66

ACC NR: AP6011390

solved by a perturbation procedure dependent on the smallness of the parameter eE/mf^2L , where e and m are the electron charge and mass, E is the applied high frequency electric field, f is its frequency, and L is a length characterizing the inhomogeneity of the field. The high frequency motions of the electrons are eliminated from the solution by averaging over time, and equations are derived from which the steady state charge and current distribution induced in the plasma by the action of a given high frequency field can be calculated. The forms to which these equations reduce for an isotropic plasma and for a strongly magnetized plasma are given and a specific example is worked out in each case: the charge and current distributions induced in a cylinder of isotropic plasma by E-waves propagating on the surface and those induced in an infinite magnetized plasma by electromagnetic waves propagating transversely to the magnetic field are calculated. Orig. art. has: 44 formulas.

SUB CODE: 20

SUBM DATE: 13Feb65

ORIG. REF: 004

OTH REF: 002

Card 2/2 CC

KOTSARENKO, P.

Testing the operation of heterodyne receivers with the aid of
the 6E5C tube. Radio no. 7:42 J1'55. (MLRA 8:10)
(Radio--Receivers and reception)

SOV/112-58-1-557

Translation from: Referativnyy zhurnal, Elektrotehnika, 1958, Nr 1, p 82 (USSR)

AUTHOR: Bocharov, K. P., and ~~Kotsarev, A. S.~~

TITLE: Operating Experience With an Automatic-Controlled Skip Hoisting Machine
(Opyt ekspluatatsii skipovoy pod'yemnoy mashiny s avtomaticheskim upravleniyem)

PERIODICAL: V sb.: Avtomatizatsiya v ugol'n. prom-sti, Moscow, Ugletekhizdat, 1956, pp 90-96

ABSTRACT: Automation of a skip hoist, according to the scheme of Stalingipro-shakht and DonUGI, was made at the Nr 1-bis shaft of Krasnogvardeyskugol' (Donbas) trust in 1952-1954. Time-step starting and automatically-controlled dynamic braking are provided. The hoisting-cycle time was cut by 18.7% as compared with manual control.

A. N. B.

AVAILABLE: Library of Congress

1. Hoists--Control systems 2. Control systems--Design

Card 1/1

KOTSAREV, I. Yu., aspirant

Some characteristics of the distribution of waters in the Karagan series of the Northern Caucasus. Izv. vys. ucheb. zav.; geol. i razv. 7 no.7:100-106 JI '64 (MIRA 18:2)

1. Groznenskiy neftyanoy institut.

MERKULOV, A.V.; KOTSAREV, I.Yu.

Hydrochemical sections of the Karabulak-Achaluki and Zamankul
oil fields. Geol.nefti i gaza 6 no.8:31-36 Ag '62.
(MIRA 15:9)

1. Groznenskiy nauchno-issledovatel'skiy neftyanoy institut.
(Chechen-Ingush A.S.S.R.--Water, Underground--Composition)

KOTSAREV, I.Yu.; VLASOVA, S.P.

Geothermal conditions of the Middle Miocene sediments of the
Northern Caucasus. Izv.vys.ucheb.zav.; neft' i gaz 6 no. 12:
124-125 '63. (MIRA 17:5)

1. Groznenskiy neftyanyy institut.

KOTSAREV, I.Yu.

Hydrogeology of the Chokrak deposits of the Northern Caucasus.
Izv.vys.ucheb.zav.; neft' i gaz 6 no.9:13-18 '63. (MIRA 17:2)

1. Groznenskiy neftyanoy institut.

KOTSAREV, I.Yu.

Certain paleohydrogeological features in the formation of the waters of the Karagan-Chokrak sediments in the Northern Caucasus. Izv.vys.ucheb.zav.;neft' i gaz 6 no.11:123 '63. (MIRA 17:9)

1. Groznenskiy neftyanoy institut.

KOTSAREV, V.N., gvardii podpolkovnik meditsinskoy sluzhby; LEVINA, T.A.

Rapid method for determining the sensitivity of microflora to antibiotics and bacteriophages. Voen.-med.zhur. no.7:72-74 '64. (MIRA 18:5)

KOTSAREV, V.N.; KHLOPITSKIY, L.V.

Alimentary toxinfection caused by Escherichia coli. Voen.-med.
zbur. no.8:54-55'62. (MIRA, 16:9)
(ESCHERICHIA COLI) (FOOD POISONING)

KOTSAREV, V.N., Gvardii podpolkovnik meditsinskoy sluzhby; MENADZHIYEV,
R.E., Gvardii mayor meditsinskoy sluzhby; IVANYUSHENKO, V.M.

Identification of atypical dysentery cultures by the keratoconjunctival
test. Voen.-med.zhur. no.4:84 Ap '60. (MIRA 14:1)
(SHIGELLA)

KRAKHT, S.V., polkovnik meditsinskoy sluzhby, kand.med.nauk; KOTSAREV, V.N.,
gvardii podpolkovnik meditsinskoy sluzhby

Atypical course in dysentery. Voen.-med. zhur. no.5:60-61 My '61.
(MIRA 14:8)

(DYSENTERY)

ABRAMOVICH, L.A.; GEFEN, G. Ye., kand. med. nauk; ZAYDENOV, A.M., kand.
med. nauk; KATSNEL'SON, I.A.; KIREYEVA, I.N.; KOTSAREV, V.N.
SUTIN, I.A., prof. SHAPOVALOV, A.V.

Some characteristics of respiratory infections of adnovirus
etiology in adults. Voen.-med. zhur. no. 1:66-68 Ja '66
(MIRA 19:2)

KOTSAREV, Yu. P.

Restoration of pressure in pools of the old Grozny oil fields.
Nov.neft.tekh.:Geol. no.4:2 '48. (MLRa 9:5)
(Grozny--Petroleum engineering)

BABUKOV, V.G.; KOTSAKOV, Yu.P.; DEREVIANKO, N.R.

[Oil well output measurer] Zamerzhchik debitov neftiannykh skvazhin. Moskva,
Gos.nauchno-tekhn.izd-vo neftianoi i gorno-toplivnoi lit-ry, 1953. 98 p.
(MIRA 6:8)
(Petroleum)

GALIMON, L.S., kand. ekon. nauk; IOFFE-GONCHARUK, N.A.; KOTSAREVA,
~~T.G.~~; SOZINOVA, O.A.; STEKLOVA, A.N.; KHURGINA, ~~Z.A.~~; KOTKOV,
M.I., otv. red.; NADEZHDIINA, A., red. izd-va; TELEGINA, T.,
tekh. red.

[Control over wage fund disbursement] Kontrol' za raskhodova-
niem fondov zarabotnoi platy. Moskva, Gosfinizdat, 1962. 117 p.
(MIRA 15:7)

1. Gosudarstvennyy bank Moskvy (for Ioffe-Goncharuk, Kotsareva,
Sozinova, Steklova, Khurgina). 2. Nachal'nik Otdela kontrolya
za zarabotnoy platoy Pravleniya Gosudarstvennogo banka SSSR (for
Kotkov).

(Moscow--Banks and banking) (Moscow--Wages)

POLAND / General and Special Zoology. Insects. Morph- P
ology.

Abs Jour: Ref Zhur-Biol., No 14, 1958, 63812.

Author : Kotsch, Z.
Inst : Jagiellon University.
Title : Histological Structure of the Digestive Canal
in Warehouse Weevils.

Orig Pub: Zesz. nauk. Uniw. Jagiellonsk. Ser. nauk biol.,
1957. No 10, 5-17.

Abstract: The anterior part of the weevil's alimentary canal, morphologically and histologically, varies little from that of other insects. The intima of the masticatory stomach is considerably thicker and forms characteristic folds set with chitin plates. The central intestine is divided into promesenteron (P) and metamesenteron (...).

Card 1/3

POLAND / General and Special Zoology. Insects. Morph- P
ology.

Abs Jour: Ref Zhur-Biol., No 14, 1958, 63812.

Abstract: Numerous appendages, covering the central intestine, are not club-shaped in P, while in M they have a sack-like form. The cells of the central intestine regenerate at the expense of small cells, located at the bottom of depressions in P and in ring-shaped bulges of the M appendages. These depressions in young individuals have enormous cells, filled with vibrio-like symbionts, which cause degeneration of the regenerated cells. With the growth of the individual the cells fall apart, the symbionts decrease in number and finally disappear altogether. The proctodaeum includes the bladder, into which six Malpighian tubes enter; four of these tubes are

Card 2/3

COSTA, H.; KOTSCHAU, P.; SIEBER, J.

Experience in the introduction of tunnel furnaces. Sklar
a keramik 14 no. 3: 76-78 Mr '64.

KOTSCHY, Maria; KOTSCHY, Antoni

On fibrinolytic, esterase and coagulation properties of the
cerebrospinal fluid. Postery hig.med.dow. 13 no.6:805-808
'59.

(CEREBROSPINAL FLUID)

KOTSCHY, Maria; GLOGOWSKA, Irena; KOTSCHY, Antoni.

Fibrinolytic and esterase properties of human placenta extracts.
Postepy hig. med. dosw 14 no.2:249-252 '60.

1. Z Katedry Patologii Ogolnej i Doswiadczalnej A. M. we Wroclawiu.
(PLACENTA extracts.)
(FIBRINOLYSIN chem.)
(ESTERASES chem.)

WASIK, August; KOTSCHY, Antoni

Taractan -- a new neuroleptic drug in the treatment of mental and neurological diseases. Neurol. neurochir. psychiat. pol. 12 no.4:603-607 '62.

1. Z Kliniki Psychiatrycznej AM we Wroclawiu. Kierownik: prof. dr M. Demianowska Z Kliniki Neurologicznej AM we Wroclawiu, Kierownik: prof. dr R. Arend.

(CHLORPROTHIXENE) (MENTAL DISORDERS) (NEUROLOGY)

WASIK, August; KOTSCHY, Antoni

Taractan, a new neuroleptic compound in the treatment of psychic and nervous diseases. Neurol neurochir psych 12 no.4:603-607 J1-Ag '62.

1. Klinika Psychiatryczna, Akademia Medyczna, Wroclaw.
Kierownik: prof. dr E. Demianowska. i Klinika Neurologiczna,
Akademia Medyczna, Wroclaw. Kierownik: prof. dr R. Arend.

*

WASIK, August; KOTSCHY, Antoni

Trnsitional Korsakov's syndrome with neurological disorders during the course of electric shock therapy. Neurol. neurochir. psychiat. Pol. 14 no. 2:347-348 Mr-Ap '64.

l. Z Kliniki Psychiatrycznej (Kierownik: doc. dr M.Demianowska)
i z Kliniki Neurologicznej AM we Wroclawiu (Kierownik: prof. dr R.Arend).

WASIK, August; KOTSCHY, Antoni

Exogenic syndrome with a successful exit as a complication in the course of treatment with laroxyl. Neurol. neurochir. psychiat. Pol. 15 no.2:353-354 Mr-Apr '65.

1. Z Kliniki Psychiatrycznej AM we Wroclawiu (Kierownik: doc. dr. M. Demianowska) i z Kliniki Neurologicznej AM we Wroclawiu (Kierownik: prof. dr. R. Arend).

S/081/62/000/006/056/117
B149/B108

AUTHORS: Wilke, Klaus-Thomas, Kotschy, Hans

TITLE: Preparation of luminescent multi-component titanates

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 6, 1962, 400, abstract
6K128 (Pat. GDR 20954, 23. 2. 61)

TEXT: Titanates of the formula $aMe^{2+}.O.bMe_2^+O.cMe_2^{3+}O_3.dTiO_2$ (a - MgO or ZnO, b - Li_2O , and c - Al_2O_3) are prepared from the oxides, carbonates, sulfates, or nitrates of these metals of luminescent purity. Mn is used as an activator. A batch of the initial compounds is heated in air to 1100 - 1200°C and then in a stream of O_2 to 500-600°C. Example: a batch of MgO 25.2 g (as sulfate), Li_2O 6.98 g (as carbonate), Al_2O_3 25.5 g (as alumo-ammonia alum) and Mn 0.02 g (as sulfate) are mixed with water. The paste-like mass is dried, calcined at 900°C, then at 1100°C in air for 15 min and finally at 560°C in an atmosphere of oxygen for two hours. The substance has a red luminescence with its maximum at 664 m μ . [Abstracter's Card 1/2

Preparation of luminescent ...

S/081/62/000/006/056/117
B149/B108

note: Complete translation.]

KOTSCHY, MARIA

MARIA H.
KOTSCHY (in caps) Given Name

Country: Poland

Address: General Prof., Dr. Med.
Director of Department of General and Experimental Pathology of the
School of Medicine (Zaklad Patologii Ogolnej i Doswiadczalnej
Akademii Medycznej Wroclaw), Wroclaw

Source: Warsaw, Przegląd Lekarski, No 5, 1961, p. 211

Data: "Thrombin Esterase and Protease."

Co-authors:

KOTSCHY, Maria, Department of General and Experimental Pathology, School of
Medicine, Wroclaw; Director: Prof. H. KOMARZYK, dr med
GLODOWSKA, Irene, Department of General and Experimental Pathology, School
Medicine, Wroclaw; Director: Prof. H. KOMARZYK, dr med

KOWARZYK, Hugon; KOTSCHY, Maria; GLOGOWSKA, Irena

Daily oscillations and thrombogenic action of fibrinolysis. Postepy
hig. med. dow. 13 no.3:311-314 1959.
(FIBRINOLYSIS) (PERIODICITY)

KOWARZYK, Hugon; KOTSCHY, Maria; GLOGOWSKA, Irena

Blood serum esterases and alarm reaction. Postepy hig. med. dosw. 13

no.3:315-317 1959

(ESTERASES, blood) (STRESS, blood)

KOTSCHY, Maria; KOTSCHY, Antoni

On fibrinolytic, esterase and coagulation properties of the
cerebrospinal fluid. Postery hig.med.dow. 13 no.6:805-808
'59.

(CEREBROSPINAL FLUID)

KOWARZYK, Hugon; KOTSCHY, Maria; GLOGOWSKA, Irena

Daily oscillations in the activity of fibrinolysin. Postepy
hig. med. dosw 14 no.1:91-94 '60.

1. Z Katedry Patologii Ogolnej i Doswiadczalnej A.M. we Wroclawiu,
Kierownik: prof. dr Hugon Kowarzyk.
(FIBRINOLYSIN)
(PERIODICITY)

KOWARZYK, Hugon; MARCINIAKOWNA, Ewa; KOTSCHY, Maria; CZERWINSKA, Barbara

Thrombin equivalent of prothrombin units and a modified
2-stage measurement of prothrombin. Postepy hig. med. dosw 14
no.1:95-100 '60.

1. Z Katedry Patologii Ogolnej i Doswiadczalnej A.M. we Wroclawiu;
oraz z Zakladu Patofizjologii Instytutu Immunologii i Terapii
Doswiadczalnej PAN im. L. Hirszfelda we Wroclawiu, Kierownik:
prof. dr H. Kowarsyk.
(PROTHROMBIN TIME)

KOTSCHY, Maria; GLOGOWSKA, Irena; KOTSCHY, Antoni

Fibrinolytic and esterase properties of human placenta extracts.
Postepy hig. med. dosw 14 no.2:249-252 '60.

1. Z Katedry Patologii Ogolnej i Doswiadczalnej A. M. we Wroclawiu.
(PLACENTA extracts.)
(FIBRINOLYSIN chem.)
(ESTERASES chem.)

KOWARZYK, Hugon; MARCINIAKOWNA, Ewa; KOTSCHY, Maria

Activity of thrombin preparations derived from heterologous blood.
Postepy hig.med.dosw. 14 no.4:429-432 '60.

1. Z Katedry Patologii Ogolnej i Doswiadczalnej A.M. we Wroclawiu
oraz z Zakladu Fizjopatologii Instytutu Immunologii i Terapii
Doswiadczalnej PAN im. Ludwika Hirszfelda we Wroclawiu.
(THROMBIN chem)

~~XXXXXXXXXX~~
~~XXXXXXXXXX (in caps); Given Names~~

5

Country: Poland

Include Degrees:

Department of General and Experimental Pathology, Director:
Administration: WACŁAW KUCIŃSKI, Prof dr; Clinic for Nervous Diseases, Director:
Prof. M. KUBICKI, Prof dr; Psychiatric Clinic, Director: M. BUKACIŃSKI,
Source: Prace, Stowarzyszenia Miłośników i Badaczyw Dowiadczalnictwa, No 2,
March-April 1961, pp 229-234
Title: "Fibrinolytic Reaction in Electric Shock."

Co-authors:

KUCIŃSKI, Antoni

KUBICKI, Krystyna /

KOTSCHY, M.

SURNAME, Given Names

5

Country: Poland

Academic Degrees: [not given]

Affiliation: [Presumed] Ludwik Hirszfild Institute of Immunology and Experimental Therapy (Instytut Immunologii i Terapii Doswiadczonej im. Ludwika Hirszfelda), Polish Academy of Sciences (PAN-Polska Akademia Nauk), Wroclaw; Director: Prof. Stefan SLOPER, D.D.

Source: Warsaw, Postepy Higieny i Medycyny Doswiadczonej, Vol XV, No 1961, pp. 379-380.

Data: "Diurnal Fluctuations of Plasma Fibrinolytic Activity."

English abstract of article [English], originally published in Lancet, 1960, p. 176.

Authors:

KOWARZYK, H [ugon]

KANIAK, J.

KOTSCHY, M.

670 98

KOTSCHY, M(ARIA)
SURNAME, Given Names

5

Country: Poland

Academic Degrees: [not given]

[Presumed] Ludwik Hirszfild Institute of Immunology and Experimental Therapy (Instytut Immunologii i Terapii Doswiadczonej im. Ludwika Hirszfelda), Polish Academy of Sciences (PAN-Pol

Source: Akademie Nauk), Wroclaw; Director: Prof. Stefan SLOPEK, Dr.

Source: Warsaw, Postępy Higieny i Medycyny Doswiadczonej, Vol XV, No 1961, pp 381-382.

Data: "Activity of Thrombin Preparations From the Blood of Remotely Related Species."

English abstract of article originally published in Post Hig i Med Dosw, 1960, 14, 429.

Authors:
KOWARZYK, H/[ugon]
MARCINIAKOWNA, E
KOTSCHY, M/[aria]

470 9

KOTSCHY, M(ARIA)

6

SURNAME, Given Names:

Country: Poland

Academic Degrees: [not given]

[Presumed] Ludwik Hirszfild Institute of Immunology and Experimental Therapy (Instytut Immunologii i Terapii Doswiadczalnej i Ludwika Hirszfelda), Polish Academy of Sciences (PAN--Polska

-Source: Akademia Nauk), Wroclaw; Director: Prof. Stefan SLOPEK, Dr.
-Source: Warsaw, Postepy Higieny i Medycyny Doswiadczalnej, Vol XV, No 4,
-Date: 1961, p. 382.

Data: "A Thrombin Equivalent of Prothrombin Units and a Modification of the Two-Step Method of Assaying Prothrombin."

English abstract of article, originally published in Post Hig i Med Dosw 1960, 14, 95.

Authors:

KOWARZYK, H[ugon]

MARCINIAKOWNA, E.

KOTSCHY, M[aria]

CZERWINSKA, B.

GPO 981643

PERSONNEL NAMES
SURNAME, GIVEN NAMES

Country: Poland

U

Academic Degree: [not given]

Affiliation: Department of General and Experimental Pathology, School of Medicine (Zakład
Patologii Ogólnej i Doswiadczałnej Akademii Medycznej Wrocław), Wrocław;

Director: Prof. H. KOWARZYK, dr med, and the Institute of Immunology and Experimental
Medicine, Polish Academy of Sciences (Instytut Immunologii i Terapii
Doświadczalnej PAN), Wrocław

Date:

Source: Warsaw, Przegląd Lekarski, No 9, 1961, pp 211-212.

Data: "Fibrinolysis in States of Alarm Reaction."

Co-author:

GŁOGOMSKA, Irena, Department of General and Experimental Pathology, School of
Medicine, Wrocław; Director: Prof. H. KOWARZYK, dr med.

GPO 981643

KOTSCHY, Maria

On plasmin and antiplasmin titration. Postepy hig. med. dosw.
15 no.5:607-615 '61.

1. Z Katedry Patologii Ogolnej i Doswiadczalnej AM wo Wroclawiu
Kierownik: prof. dr H. Kowarzyk.
(FIBRINOLYSIN)

KOTSCHY, Maria

On plasmin titration. Pol. med. wewn. 32 no. 8:765-767 '62.

1. Z Instytutu Immunologii i Terapii Doswiadczałnej im. L. Hirszfelda
we Wrocławiu Kierownik: prof. dr med. H. Kowarzyk.
(FIBRINOLYSIS) (BLOOD CHEMICAL ANALYSIS)

CZERWINSKA-KOSSOBUDZKA, Barbara; KOTSCHY, Maria; SMOLIK, Roman

Blood coagulation in factor XI deficiency. Pol. arch. med.
wewn. 33 no.6:597-614 '63.

1. Zakład Patofizjologii Instytutu Immunologii i Terapii
Doswiadczalnej PAN we Wrocławiu Kierownik: prof. dr med.
H. Kowarzyk Katedra Patologii Ogólnej i Doswiadczalnej Akademii
Medycznej we Wrocławiu Kierownik: prof. dr med. H. Kowarzyk
II Klinika Chorob Wewnętrznych Akademii Medycznej we Wrocławiu
Kierownik: prof. dr med. A. Falkiewicz.
(HEMORRHAGIC DIATHESIS)
(BLOOD COAGULATION FACTORS)
(BLOOD COAGULATION TESTS)

KOJICZY, Maria

On the activation of plasmin in coagulating blood. *Postepy
Mag. med. dozw.* 18 no.1:45-91 Jan '64.

1. Z Katedry Patologii Ogólnej i Doswiadczalnej Akademii
Medycznej we Wroclawiu (Kierownik: prof. dr H. Kowarzyk).

VOLOSHCHENKO, M.V.; Prinsipalni uchastiye: UDOVIKOV, I.K.; LAGEREVA, Z.I.;
KOTSEGUB, L.V.

Hardenability of ordinary and alloyed high strength cast iron
with spheroidal graphite. Nauch. trudy Inst. lit. proizv. AN
URSR no.10:72-80 '61. (MIRA 15:6)
(Cast iron--Hardening)

SOV/124-57-8-9786

Translation from: Referativnyy zhurnal. Mekhanika, 1957, Nr 8, p 163 (USSR)

AUTHOR: Kotsegubov, V. P.

TITLE: Certain Questions of Stress-rupture Time Properties of Pine Wood Relative to Compression Parallel to the Grain (Nekotoryye voprosy dolgovremennogo soprotivleniya drevesiny sosny szhatiyu vdol' volokon)

PERIODICAL: V sb.: Issledovaniya prochnosti i deformativnosti drevesiny. Moscow, Gos. izd-vo lit. po str-vu i arkhitekt., 1956, pp 127-140

ABSTRACT: The author gives an account of the results of the experimental determination of the crushing strength along the grain of small samples of smooth wood, free of defects, taken from different parts of a beam that had been in use for 154 years. It is established that the strength of the wood subjected to stress (in the center of the beam) is from 2 to 12% less than the strength of the wood which had not been subjected to stress (at the ends of the beam). The decrease in strength is explained by the effective time period of load action.

V. N. Antipov

Card 1/1

KOTSEGUBOV, V.P. (Leningrad)

Design of plastic rods for buckling. Stroi. mekh. 1 rasch.
soor. 5 no.3:15-19 '63. (MIRA 16:6)

(Elastic rods and wires) (Plastics)

KOTSEN, M.Ye.; ARTAMONOV, M.A.

Prospecting for carbonatite using the aeromagnetic method as revealed
by a study in the Eastern Sayan Mountains. Sov. geol. 8 no.5:119-124
My '65. (MIRA 18:7)

KOTSEN, Ye.G.

With Communist Youth League passes as one's heart wishes.
Transp.stroi. 9 no.8:10-11 Ag '59. (MIRA 13:1)

1. Nachal'nik otdela rabochikh kadrov Mintransstroya.
(Communist Youth League) (Construction workers)

KOTSEN, Ye.G.

Methods for improving housing conditions of construction
workers. Transp.stroi. 10 no.1:5-6 Ja '60.

(MIRA 13:6)

(Railroad construction workers) (Architecture, Domestic)

(Railroads--Cars)

BEREZHOY, Yu.N. Primalni uchastiye: PODCHUFAROV, I.I.; KOTSEN, Ya.G.i.
MYSYUTIN, D.K.; DOBSHITS, M.L., *otv. za vypusk*; GUSEV, K.M.,
tekh. red.

[Through forests, swamps, and mountains] Skvoz' lesa, bolota, gory;
sbornik o molodykh stroiteliakh transporta. Moskva, Orgtransstroif,
1961. 177 p. (MIRA 14:11)

1. Russia (1923- U.S.S.R.) Ministerstvo transportnogo stroitel'stva.
(Road construction) (Railroads—Construction)

KOTSEN, Ye.G.

Volunteer staff at construction projects. Transp. stroi.
15 no.6:3 Je '65. (MIRA 18:12)

1. Nachal'nik otdela rabochikh kadrov Gosudarstvennogo proiz-
vodstvennogo komiteta po transportnomu stroitel'stvu SSSR.

KOTSENKO, V.G.

Case of sarcoma of the larynx. Zhur. ush. nos. i gorl. bol. 21 no.4:
79 JI-Ag '61. (MIRA 15:1)

1. Iz Otorinolaringologicheskogo otdeleniya Gorlovskoy bol'nitsy
No.3.

(LARYNX--CANCER)

L

KOTSEROV, A.I., Cand Med Sci -- (diss) "Certain
morphological and projection-topographical
peculiarities of the synovial (mucous) bursae
of the knee joint and their clinical ^{value} ~~significance~~."
Omsk, 1958, 12 pp (Omsk State Med Inst im M.I.
Kalinin) 250 copies (KL, 29-58, 138⁷)

- 117 -

KOTSERUBA, G.

Content of compulsory harbor regulations. Mor.flot 20 no.10:
10-11 0'60. (MIRA 13:10)

1. Starshiy morskoy inspektor Azovskogo upravleniya Chernomorskogo
parokhodstva.

(Harbors--Regulations)

Kotseruba, L. A.

AUTHORS: Kotseruba, L. A., Sergeyev, Ye. M.

20-5-31/52

TITLE: On the Problem of the Genesis of "Greyish-Blue" Loamy
Rocks of the Lower Course of the Ob'River
(K voprosu o genezise "sizykh" suglinkov doliny nizhnego
techeniya reki Obi)

PERIODICAL: Doklady AN SSSR, 1957, Vol. 117, Nr 3, pp. 471-472 (USSR)

ABSTRACT: These loams are widely distributed in Western Siberia.
Neither their age nor the genesis were researched exactly.
In the district of the villages Kondinskoye - Berezovo
they are tied to high-water mark of the Ob'river, and they
oftenly occur in the block of the flood district. Their
rock exposures are oftenly accompanied by landslides. The
occurrence of these rocks in the upper part of ferriferous
intermediate layers, as well as accumulations of the same
kind of marbles is characteristic. One of the properties
of the mentioned loams is represented by a high content of
exchange - Na⁺ (on the average 82 % of the absorptive
power) and water soluble salts. The dry residue of the
water extract exceeds 1 %, whilst in the other rocks
occurring here, it amounts to some hundredth % as a rule.
With respect to the granulometric properties these loams

Card 1/3

On the Problem of the Genesis of "Greyish-Blue" Loamy
Rocks of the Lower Course of the Ob'River

20-3-31/52

are sufficiently uniform. The mineralogical composition of the loam fraction is still more homogeneous. Kaolinite and hydromica predominate among them small quantities of chlorite and glauconite are present there. The spectral analysis shows a difference of composition of the chemical components, viz. mostly in samples granulometrically differing from each other. These differences also depend on the territory. Samples from the middle course of the Ob' river are very uniform: they always contain much of Al, Si, Fe, Ba, Ca, and less of Na, Mg and Ti. Nearer to the Ural there Na, Si, Mn and Ca predominate; Al and Zn are present there, too. In all cases the gypsum- and carbonate - content did not exceed some hundredth %. The water extract contained a quantity of about 0,02 % of organic substance. According to the above it may be concluded that the "greyish-blue" loams originally have been formed under marine conditions in the initially mentioned district. Possibly here was a bay, as perhaps the Obskaya Guba, into which the original Ob' and the Ural rivers flow in. The different content of chemical components was determined by means of the levelling region. The oceanic

Card 2/3 .

On the Problem of the Genesis of "Greyish-Blue" Loamy
Rocks of the Lower Course of the Ob' River

20-3-31/52

depression had low temperatures. Predominating of kaolinite and hydromica, as well as small quantities of gypsum and carbonates prove that. It had a low degree of alkalinity according to the fresh water supply by mighty streams. During the following period the original Ob'-delta advanced to the district of the former bay. The shore sediments came under reducing conditions. With respect to this fact, they got the greyis-blue coloring in connection with ferrous oxide forms and organic substances. Further delta swamping led to the formation of swamp ore in the upper part of the loams.

ASSOCIATION: Moscow State University imeni M. V. Lomonosov (Moskovskiy gosudarstvennyy universitet im. M. V. Lomonosova)

PRESENTED: July 5, 1957, by N. M. Strakhov, Academician

SUBMITTED: July 1, 1957

AVAILABLE: Library of Congress
Card 3/3

KOTSERUBA, L.A.

Facies characteristics of modern alluvial deposits in the lower Ob' Valley. Vest. Mosk. un. Ser. biol., pochv., geol., geog. 14 no.3:129-137 '59. (MIRA 13:6)

1. Kafedra gruntovedeniya i inzhenernoy geologii Moskovskogo universiteta.
(Ob' Valley--Alluvium)

KOTSERUBA, L.A.

Lithological characteristics of the present flood plain in the lower Ob' Valley. Vest.Mosk.un.Ser.biol., pochv., geol., geog. 14 no.4:167-173 '59. (MIRA 13:6)

1. Kafedra gruntovedeniya i inzhenernoy geologii Moskovskogo universiteta.

(Ob' Valley--Alluvium)

KOTSERUBA. L.A.; SERGETEV. Ye.M.

Regionalization of the floodplain of large rivers from the viewpoint
of engineering geology. Vest.Mosk.un.Ser.4: Geol. 19 no.5:36-41 S-0
'64. (MIRA 17:12)

1. Kafedra gruntovedeniya i inzhenernoy geologii Moskovskogo
universiteta.

KOTSERUBA, L.A.; RYBAKOVA, N.O.

Palynological characteristics of the various facies of the alluvial sediments in the lower Ob' fluvial plain. Vest. Mosk. un. Ser. 4: Geol. 20 no.3:75-79 My-Je '65.

(MIRA 18:7)

1. Kafedra gruntovedeniya i inzhenerney geologii Moskovskogo universiteta.

SHKREBEL', M.Ya.. Primalni uchastiye: BLAGOVESHCHENSKAYA, K.A.;
DZYUBENKO, G.F.; FRAGAYLOVA, V.I.; ZALESSKAYA, L.O.; KOTSERIBA,
L.P.; KOVBASENKO, L.A.; LYAUDANSKAYA, B.Ye.; MILCVZOROV, P.Z.
[deceased]; NEZHURBEDA, M.P.; SHITKO, K.I.; YANTSOVA, A.V..
KRESHCHENSKIY, Ye.S., tekhn.red.

[Economy of Kiev Province; a statistical manual] Narodnoe kho-
zjaistvo Kievskoi oblasti; statisticheskii sbornik. Kiev, Gos.
stat.izd-vo, 1959. 255 p. (MIRA 13:3)

1. Kiev (Province) Statisticheskoye upravleniye. 2. Nachal'nik
statisticheskogo upravleniya Kiyevskoy oblasti (for Shkrebel').
(Kiev Province--Statistics)

KOTSERUBA, L.Z.; OVNATANOV, G.T.; GOROYAN, V.I.

Effect of external pressure on the granulometric composition of natural and artificial sands. Nefteprom. delo no.4:20-26 '65. (MIRA 18:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologorazvedochnyy neftyanoy institut, Moskva.

BOTNEVA, T.; RAABEN, V.; KOTSERUBA, V.

Information. Geol. nefiti i gaza 7 no.8:60 Ag '63. (MIRA 16:10)

KOTSERUBA, V.V.; MUSHENKO, S.P.

Primary migration of oil from miocene and pliocene sediments in the Western Kuban trough. Neftegaz. geol. i geofiz. no.3:19-21 '65. (MIRA 18:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologorazvedochnyy neftyanoy institut, Moskva, Krasnodarskiy filial Vsesoyuznogo zaochnogo politekhnicheskogo instituta.

KOPCHUBA, V.V.; MATYUKHIN, A.F.

Formation of oil and gas accumulations in basins in the area of
the Sea of Azov. Usl. nefti i gaza 9 no. 1249-51 1968. (MIRA 18:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologorazvedochnyy
neft'nyy institut, Moskva, s. braunshvayskiy ulitsa 1. Nauchnoye
neft'nyy nauchno-issledovatel'skiy institut.

KOTSERUBA, V.V.; MUSHENKO, S.P.

Conditions governing the formation of the large oil and gas pools in the Anastasiyevka-Krasnodar anticlinal zone. Neftegaz, geol. i geofiz. no.11:16-21'63 (MIRA 17:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologorazvedochnyy neftyanoy institut i Krasnodarskiy uchebno-konsul'tatsionnyy punkt Vsesoyuznogo zaochnogo politekhnicheskogo instituta.

ACC NR: AR7000944 SOURCE CODE: UR/0275/66/000/011/A003/A003

AUTHOR: Kotserzhinskiy, B. A.

TITLE: Periodic electrostatic focusing of electron beams at high values of the focusing voltage parameter

SOURCE: Ref. zh. Elektronika i yeye primeneniye, Abs. 11A19

REF SOURCE: Vestn. Kiyevsk. politekhn. in-ta. Ser. radiotekhn., no. 2, 1965, 70-79

TOPIC TAGS: electron beam, electron flux, focusing voltage, periodic electrostatic focusing

ABSTRACT: The periodic electrostatic focusing of a cylindrical electron flux is investigated for parameter values

$$k = V_0/V_0 - 1,$$

where V_0 is the focusing voltage, and V_0 is the mean potential of the system. Equations of boundary electron trajectories are derived, results of their numerical integration at different parameters of the system and under various conditions of electron entry into the system are presented. Besides flux boundary pulsations

UDC: 621.385.6

Card 1/2

L 2611-66 EWT(1)/EPA(w)-2/EWA(m)-2 LJP(c) AT

ACCESSION NR: AP5020137

UR/0109/65/010/008/1549/1551
537.533.331.001.5

44.55
AUTHOR: Kotsershinskiy, B. A.

43
B

TITLE: Periodic electrostatic focusing of strong electron beams

21, 44, 52

SOURCE: Radiotekhnika i elektronika, v. 10, no. 8, 1965, 1549-1551

TOPIC TAGS: electron beam tube, TW tube

ABSTRACT: Field distribution is theoretically determined for a near-ideal system of electrodes in a TW tube described by E. F. Belohoubeck (RCA Rev., 1960, 21, 3, 377). It is found that: (1) A periodic system with the electrodes of different thickness approaches, in its focusing characteristics, the periodic systems consisting of a series of equal-thickness rings or disks; a formula describing the potential distribution is supplied; (2) Different-thickness electrodes result in lowering the potentials, at $(L/4)(2k + 1)$ points, down to $V_0 - (2V_f \Delta/L)$ and in decreasing the first field spatial harmonic by $\cos(2\pi \Delta/2L)$ times; the amplitudes of higher spatial harmonics fall off quicker than in the case of equal-thickness electrodes. Orig. art. has: 2 figures, 6 formulas, and 1 table.

Card 1/2

L 2611-66

ACCESSION NR: AP5020137

ASSOCIATION: none

SUBMITTED: 24Sep64

NO REF SOV: 000

ENCL: 00

SUB CODE: EC

OTHER: 004

Card ^{ms.} 2/2

KOTSETKOVA, A.

"Catamnesis of Children Following Toxic Septical Affections." Tr. from the Russian, p. 78. (ANALELE ROMANO-SOVIETICE. SERIA PEDIATRIE. Series a III-a v. 6, no. 5, Sept./Oct. 1953, Bucuresti, Rumania)

SO: Monthly List of East European Accessions, LC, Vol. 3, No. 4, April 1954

KOTSEV, A

Our experience in interrow cultivation of sunflowers, corn, and cotton.

p. 3

MASHINIZIRANO ZEMEDELIE. Vol. 7, No. 6, June 1956

Sofiya, Bulgaria

So. East European Accessions List

Vol. 5, No. 9

September, 1956

KOTSEV, K.

KOTSEV, K. Defects in electric and oxyacetylene welding. P. 51.

Vol. 5, no. 10, 1956
TEZHKA PROMISHLENOST
TECHNOLOGY
Sofia, Bulgaria

So: East European Accession, Vol. 6, no. 3, Mar. 1957

KOTSEV, K.

Distr: 4E29

~~Corrosion cracking in steel ST-3. Kostadin Kotsev~~
~~Khim. i Ind. (Sofia) 29, No. 2, 7-9(1937). An attempt is~~
 made to explain the corrosion cracks which occur in chem.
 app. manufd. from ST-3 steel, when subjected to various aq.
 nitrate solns., H₂S, monoethanolamine, and temp. fluctua-
 tions. The cracks generally occur on or near weld seams
 and in areas of severe deformation. *CM* V. Himmelbloom... *Adlp*

SOV-125-58-9-10/14

AUTHORS: Medovar, B.I., Langer, N.A., Vesker, L.Ye., Kotsev, K., and
Ganev, M.

TITLE: Corrosion Resistance of "1Kh18N9T"-Steel Weld Joints in
Nitric Acid Production (Korrozionnaya stoykost' svarnykh
soyedineniy iz stali 1Kh18N9T v usloviyakh proizvodstva
azotnoy kisloty)

PERIODICAL: Avtomaticheskaya svarka, 1958, Nr 9, pp 61-73 (USSR)

ABSTRACT: Application of "1Kh18N9T" steel for equipment used in the
production of nitric acid requires welding processes pro-
ducing joints that are resistant against corrosion and inter-
crystalline corrosion and which is similar to that of the
base metal. For this purpose, natural corrosion tests of
"1Kh18N9T" steel specimens welded with different electrodes
under flux were carried out at the Chemical Combine imeni
Stalin at Dimitrovgrad (Bulgaria). It was proved that seams
welded with chromo-nickel-vanadium-niobium rods (OKh18N9FBS -
EI649) and chromo-nickel-vanadium rods (OKh18N9F2S - EI606),
have high corrosion and intercrystalline corrosion resistance
under conditions of nitric acid production and that cold
hardening by stretching, as well as by compression, increases

Card 1/2

SOV-125-58-9-10/14

Corrosion Resistance of "1Kh18N9T"-Steel Weld Joints in Nitric Acid Production

corrosion resistance of weld joints.

There are 5 tables, 4 sets of microphotos, 2 sets of photos, 1 diagram, 2 graphs, and 3 references, 2 of which are Soviet and 1 German.

ASSOCIATIONS: Institut elektrosvarki imeni Ye.O. Patona AN USSR (Institute of Electric Welding imeni Ye.O. Paton, AS UkrSSR). Khimicheskyy kombinat imeni Stalina, Narodnoy Respubliki Bolgariya (Chemical Combine imeni Stalin, of the Bulgarian People's Republic)

SUBMITTED: June 5, 1958

1. Nitric acid---Production
2. Welded joints---Corrosion prevention
3. Welded joints---Test results
4. Electrodes---Applications

Card 2/2

Kotsev, K.; Stoikov, D.

Defects in electric-arc welding 18-8 chrome-nickel austenitic steel. p. 20.

TEKHNIKA. (Suiuz za nauchno-tekhnikeskite druzhestva v B ulgaria) Sofia, B ulgaria.
Vol. 8 no. 9, 1959.

Monthly List of East European Accessions EEAI) LC, Vol. 9, No. 2, Feb. 1960.

UNCL

SHOPOV, D.; KOTSEV, N.; GEORGIEVA, K.

Identification of C₇-C₉ aromatic hydrocarbons from catalytic gasoline by means of gas-liquid chromatography. Acta chimica Hung 37 no.2:137-146 '63.

1. Institut organicheskoy khimii Bolgarskoy akademii nauk, Sofiya.

L 36b81-65

ACCESSION NR: AP5010565

UR/0204/64/004/005/0798/0803

AUTHOR: Shopov, D.; Dyankov, St.; Kotsev, N.; Chaushava, L.; Palazov, It. 7

TITLE: Investigation of aromatic hydrocarbons of Plevan Petroleum

SOURCE: Neftekhimiya, v. 4, no. 5, 1964, 798-803

TOPIC TAGS: aromatic hydrocarbon, gasoline, petroleum, chromatographic analysis, IR spectroscopy

Abstract: The aromatic hydrocarbons of gasoline isolated from petroleum in the region of Dolni-Dybnik, Plevanskaya Oblast, were investigated by chromatography and infrared spectroscopy. The aromatic portion of the gasoline fraction of this petroleum contained 34 hydrocarbons; 31 were identified by infrared absorption spectra. The structural type was established for the other hydrocarbons. Orig. art. has 5 graphs and 2 tables.

ASSOCIATION: Institut organicheskoy khimii Bolgarskoy Akademii nauk (Institute of Organic Chemistry, Bulgarian Academy of Sciences)

SUBMITTED: 24Feb64

ENCL: 00

SUB CODE: FP, OP

NO REF SOV: 003

OTHER: 009

JPBS

Card 1/1

KOTSEV, N.; SHOPOV, D.

A highly sensitive laboratory capillary chromatograph. Khim i
industriia 36 no.10:383-385 '64.