

OLKOWSKI, Lech

Tanderyl in some surgical diseases (attempted evaluation of a new drug). Pol. tyg. lek. 17 no.27:1076-1077 2 J1 '62.

1. Z III Oddziału Chirurgicznego Szpitala Miejskiego Nr 4 w Warszawie;
ordynator: dr med. Kazimierz Wejroch.
(PHENYLBUTAZONE)

STEPLEWSKI, Z.; OLKOWSKI, Z.

Cytochemical studies on the interrelation between lysosomes and the Golgi zone in uterine epithelium. *Bul Ac Pol biol* 10 no.11: 495-497 '62.

1. Department of Histology and Embryology, School of Medicine, Zabrze-Rokitnica. Presented by L.Paszkiewicz.

JONEK, J.; OLKOWSKI, Z.

Dihydronicotinamide-adenine dinucleotide (NADH₂) diaphorase, thiamine pyrophosphatase and acid phosphatase in the spinal cords of rabbits with chronic manganese poisoning. Acta morph. acad. sci. Hung. 13 no.4:329-337 '65.

1. Department of Histology and Embryology (Head: Asst. Prof. J. Jonak), Silesian Academy of Medicine. Submitted July 10, 1964.

OLKUSZ, Zygmunt, mgr inz.; SOKULSKI, Roman, mgr inz.

Successful experiment in overcoming a quicksand leap by using
the freezing method. Wiadom gorn 15 no.3:87-91 Mr '64

OLKUSZ, Z.

Olkusz Z.

Olkusz Z., Eng. "Longwall Armoured Conveyors." (Przenosnik pancerny na scianie). Przeglad Gorniczy, No. 1-2, 1950, pp. 23-26, 8 figs.

The use of the armoured conveyor in mining a thick seam at from 3 to 10 deg. incline by layers 3-4 metres thick with hydraulic stowage, and in mining a thinner seam (4.7 metres) also with hydraulic stowing. Both seams are worked with longwall method without undercutting. The introduction of the armoured conveyor raised the output, including the stowing, to 8.2 tons per day in a wall 60 m long. Suggestions for a further increase in work efficiency.

SO: Polish Technical Abstracts - No. 2, 1951

OIL', N.S., Cand Tech Sci -- (diss) "On the use
of wood in the construction of foundations of
buildings on weak and highly compressible ~~ground~~^{ground}."
Tartu, 1958. 55 pp with illustrations (Min of Higher
Education USSR. Tallin Polytechnic Inst. Chair of
Building Constructions). 120 copies.
(KL, 12-58, 99)

-45-

GIL', Yu. K.: Master Agric Sci (diss) -- "A comparative study of the summer feeding of dairy cows with grass from perennial pastures and with green fodder from field crops". Pushkin, 1958. 18 pp (Min Agric USSR, Leningrad Agric Inst), 150 copies (KL, No 2, 1959, 123)

USSR / Soil Science. Mineral Fertilizers. J

Abs Jour : Ref Zhur - Biologiya, No 11, 1958, No. 48641

Author : Prevo, P.; Ollan'ye, M.

Inst : Not given

Title : Utilization of Leaf Diagnostics

Orig Pub : Fiziol. rasteniy, 1956, 3, No 6, 554-573

Abstract : A large amount of experimental work on leaf diagnostics in Africa with olive plants, coconut and peanut crops is summarized. Stressed to a large extent is the complex relationship between the nutrient element leaf content and the harvest yield. With fertilizer application, in case of an acute deficiency of the element being studied, its content in the leaves may not increase, since plant growth is intensified, and

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USSR / Soil Science. Mineral Fertilizers.

J

Abs Jour : Ref Zhur - Biologiya, No 11, 1958, No. 48641

with a well nourished plant an increase of the element content in the leaf is not accompanied by intensified growth. For individual regions with the aid of leaf diagnostics, it is necessary to determine their critical levels for each plant which would give an indication as to the necessity of fertilizer application. Leaf diagnostics permits an explanation of field experiment results, raising empirical experimentation to the level of scientific prognosis. It was shown in practice that exact chemical analysis requires less time than conducting quick tests in the field. -- Z. I. Zhurbitskiy

Card 2/2

OLLE, I.

Olle, I.

"We must not accept irregular orders." p. 12.

(Auto Motor. Vol. 6, no. 12, June 1953, Budapest.)

SO: Monthly List of East European Acquisitions. Vol. 2, No. 9, Library of Congress, September 1953, Uncl.

OLIE, I.

"Pipe Resistance According to the Prandtl Theory" p. 298 (Magyar Energtgazdasag
Vol. 6, No. 10, October, 1953, Budapest)

East European Vol. 3, No. 3
SO: Monthly List of ~~1953~~ Accessions, Library of Congress, March ¹⁹⁵⁴~~1953~~, Uncl.

CHE, L.

"Possibilities of Development of Power Economy in the Sugar Industry",
P. 120, (MAGYAR ENERGIAGAZDASAG, Vol. 4, No. 9, September 1957,
Budapest, Hungary)

SO: Monthly List of East European Accessions (REAL), IC, Vol. 4, No. 3,
March 1955, Uncl.

OLLE, Lajos, dr., docens

"Correlation between labor productivity and average wages" by
[Dr] Sandor Varga. Reviewed by Lajos Olle. Stat szemle 41
no.7:753-754 J1 '63.

1. Marx Karoly Kozgazdasagtudomanyi Egyetem.

NYITRAI, Ferencné; OLLE, Lajos, dr., egyetemi docens

Calculation and international comparison of industrial output indexes. Stat szemle 42 no.7:719-733 J1 '64.

1. Department Chief, Central Statistical Office, Budapest (for Nyitrai). 2. Karl Marx University of Economic Sciences, Budapest (for Olle).

OLLI, L.A.

How do we calculate power consumption of electric sections.
Elek.i tepl.tiaga 3 no.9:9-11 S '59. (MIRA 13:2)

1. Nachal'nik elektrodepo Tallin, Estonskaya doroga.
(Electric railroads--Cost of operation)

OLLI, L.A.

Workers of a "communist labor" railroad repair shop and their achievements. Elek.i tepl.tiaga 5 no.9:23-25 S '61.

(MIRA 14:10)

1. Nachal'nik elektrodepo Tallin.
(Railroads--Repair shops) (Railroads--Employees)

3. 2420 (1049,1395)

²⁹³⁶⁷
S/169/61/000/006/029/039
A005/A130

AUTHORS: Gerts, A.Dzh., Ogil'vi, K.V., Olley, Dzh., Uayt, R.B.

TITLE: Observation of radiation over Australia with the aid of Soviet satellite 1958-6

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 6, 1961, 11, abstract 6G77. (Tr. Mezhdunar. konferentsii po kosmich. lucham, 1959, T. 3.. Moscow, AN SSSR, 1960, 36-45)

TEXT: The authors report on radiation intensity measurements based on data from the third Soviet artificial satellite for July-August 1958. A scintillation counter mounted on the satellite made it possible to register effectively photons of electron bremsstrahlung with about 100 kev energy and fast charged particles. Incident to the reception of signals the satellite was at an altitude of 1,750-1,807 km in the region of 20.6-47.9°s.lat., 146.5-163.7°e.long.. The radiation intensity attains a minimum at 35°s.lat. and increases in order for a change in latitude of ±10°. It is assumed that this minimum is the transition zone between the

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29367

S/169/61/000/006/029/039
A005/A130

Observation of radiation over Australia ...

earth's inner and outer radiation belts. Pronounced temporary variations in intensity were observed: on July 19, the mean intensity was 5 times as great as on August 4. The operating conditions of the detecting and telemetering apparatuses are analyzed.

N. Kaminer

[Abstractor's note: Complete translation.]

Card 2/2

OLLI, A.I.

OLLI, A.I.

Tectonic map of the U.S.S.R. A.I. Olli. Sov. geol. no. 41:170-178
'54. (MIRA 8:6)

(Geology--Maps)

YAKHIMOVICH, V.L.; OLLI, A.I., prof., doktor geol.-mineraln. nauk, otv. red.;
SUDARKINA, K.I., red.; GAL'CHENKO, S.I., tekhn. red.

[Cenozoic period of the cisural region of Bashkiria] Kainozoi
Bashkirskogo Predural'ia. [Historical studies of Tertiary deposits
of the cisural region of the Bashkiria] Istorii izucheniia tre-
tichnykh otlozhenii Bashkirskogo Predural'ia. Vo.1, pt.1. 1958.
134 p. (MIRA 11:12)

(Bashkiria--Geology, Stratigraphic)

OLL, A.I.

SOV/2038

PHASE I BOOK EXPLOITATION

3(5) Akademiya nauk SSSR. Bashkirskiy filial. Gorno-geologicheskoy institut
Yoprey geologii i neftepromyshlennosti otobchennoy Zapsednoy Bashkirskiy i
nashykh obshchestvennykh ustanovleniy. (Problems in the Geology
of Oil-bearing Reservoirs of the Devonian Sediments of the
Bashkiria and Adjacent Provinces: Papers at a Scientific Session...), Ufa,
1958. 137 p. 750 copies printed.

Ed. by V. V. Sidorov; Tech. Ed.: I. G. Shest; Editorial Board: S. B. Kravus
(Exec. Ed.), M. F. Khryukov, I. S. Ogarkinov, A. I. Oll, L. N. Romanov,
K. K. Tilmargalin, and A. P. Tyshkova.

PURPOSE: This book is intended for petroleum geologists.

CONTENT: This book contains papers on the petroleum geology of Bashkirya.
These papers were originally read at a conference held in Ufa on December
23-25, 1957. The original reports discuss the stratigraphy, lithology, geo-
chemistry, tectonic structure, and oil-bearing capacities of the Devonian
sediments in Bashkirya and adjacent regions. No references are given.

Yakovlev, I. V. Stratigraphy of the Devonian Sediments of the Kuybyshevskaya
Basin. 41

Chubrikova, Ya. V. Results of Spore-Pollen Analysis of the Oils and Oil
Waters of Bashkirya. 51

Kaliyev, D. Y. Ishimbayskiye and Bardinskiye Seriss
Sediments of Western Bashkirya. 57

Carroll, M. J. Formation Conditions of Kifolian, Givetian, and Lower Permian
Sediments of Western Bashkirya. 61

Postnikov, R. V. Lithology, Reservoir Rocks, and Oil-bearing Potential of
the Terrigenous Devonian Beds in the Belobakly-Shirpovskiy Region. 73

Krums, S. K. Formation Conditions of Terrigenous Middle Devonian Series on
the Western Flank of the Southern Ural. 77

Kasimov, I. A. Lithology and Facies Characteristics of the Upper Devonian
Carbonate Deposits on the Western Flank of the Southern Ural. 83

Teodorovich, G. I., and B. Ya. Enukhova. Study of the Mineralogy and
Conditions of Sedimentation of Probable Petroiferous Devonian Beds
in Various Regions of Western Bashkirya. 89

Kozlov, V. V. Tectonics of Devonian Sediments and Its Relationship With
the Tectonics of Overlying and Underlying Beds. 97

Oll, A. I., and V. A. Ermakov. Tectonics of Bashkirya at the Beginning of
the Middle Devonian. 103

Kovaleva, S. I. Tectonic Structure of the Devonian Sediments in the
Kuybyshevskiy and Greshburgskiy Chelaks. 111

Sanchenko, G. N. Morphology of the Folds in the Zone Adjacent to the Marginal
Slopes of the Zilairskiy Synclinorium in Relation to the Estimates of
Oil-producing Capacity of the Devonian and Other Sediments in Southern
Bashkirya. 119

Kozlov, V. V., M. A. Prokhorov, and V. A. Ermakov. Aspects of Oil Production from the Devonian Sedi-
ments of the Western Flank of the Southern Ural. 132

AVAILABLE: Library of Congress (TR874.R91A5675)

Card 46

HW/ub
12-21-59

YAKHIMOVICH, Varvara L'vovna; GILI, A.I., prof., doktor geologo-mineralog.
nauk, otv.red.; POROTKOV, In.D., red.; KALAGANOV, I.S., tekhn.red.

[Cenozoic in the Bashkirian portion of the cis-Ural region] Kainozoi
Bashkirskogo Predural'ia. Ufa, Akad.nauk SSSR. Vol.1, pt.2. [Stra-
tigraphy of Tertiary sediments in the Bashkirian portion of the cis-
Ural region and their distribution in connection with recent crustal
movements] Stratigrafiia tretichnykh otlozhenii Bashkirskogo Pred-
ural'ia i zakonomernosti ikh razmeshcheniia v sviazi s molodymi
dvizheniiami zemnoi kory. 1958. 175 p. (MIRA 12:12)
(Bashkiria--Geology)

OLLI, Al'bert Ivanovich; ROMANOV, Vadim Aleksandrovich; OGARINOV, I.S.,
kand.geologo-mineral.nauk, otv.red.; SIDOROV, V.V., red.;
VALIYEV, G.G., tekhn.red.

[Tectonic map of Bashkiria] Tektonicheskaya karta Bashkiri;
ob"iasnitel'naya zapiska. Ufa, Akad.nauk SSSR, Bashkirskii
filial, Gorno-geol.in-t, 1959. 35 p., 2 maps. (MIRA 13:2)
(Bashkiria--Geology, Structural--Maps)

OLLI, A.I.; ROZHDESTVENSKIY, A.P.

Paleogeomorphology of the Southern Urals. Vop. geomorf. i geol.
Bashk. no. 2:3-9 '59. (MIHA 14:4)
(Ural Mountains—Geology, Structural)

OLLI, A.I.; ROMANOV, V.A.

Case of stratigraphic unconformity in old Ural-Tau series. Vop.
geomorf. i geol. Bashk. no. 2:132-135 '59. (MIRA 14:4)
(Ural-Tau—Geology, Stratigraphic)

OLLI, A.I.

Lower boundary of the Paleozoic. Vop. geomorf. i geol. Bashk.
no. 2:147-149 '59. (MIRA 14:4)
(Geology, Stratigraphic)

OLLI, A.I.; SYUNDYUKOV, A.Z.

Characteristics of some conglomerate-type limestones in the upper Devonian of the Ishtuganovo structure in Bashkiria. Vop. geol. vost. okr. Rus. platf. i Iuzh. Urala no.4:90-97 '59.

(MIRA 14:6)

(Bashkiria--Limestone)

SENCHENKO, G.S.; OLLI, A.I.

Estimating the oil and gas potential of the southern Ural
Mountain region. Vop.geol.vost.okr.Rus.platf.i IUzh.
Urala no.6:5-11 '60. (MIRA 14:7)
(Ural Mountains--Petroleum geology)
(Ural Mountains--Gas, Natural--Geology)

OLLI, A.I.; ROMANOV, V.A.

Pre-Ordovician history of the tectonic development of the
Southern Urals. Vop.geol.vost.okr.Rus.platf.i Uzh.Urala
no.7:3-33 '60. (MIRA 14:10)
(Ural Mountain region--Geology)

OLLI, A.I.; ROMANOV, V.A.

Correlation of Pre-Paleozoic sediments of the western slope of
the Southern Urals and the Ural-Tau. Vop.geol.yost.okr.Rus.platf.¹
Iuzh.Urals no.7:83-92 '60. (MIRA 14:10)
(Ural Mountains--Geology, Stratigraphic)

1. OLLI, A. Ye. and NIROT'VORTSEV, B. A.
2. USSR (600)
4. Saratov Province - Fire Clay
7. Report on the work carried out on the investigation of Middle Jurassic refractory clays of the Saratov Province. (Abstract.) Izv.Glav.upr.geol.fcn. no. 2, 1947.

9. Monthly Lists of Russian Accessions, Library of Congress, March 1953, Unclassified.

OLLI, I.A.; NYABOV, V.V.

Second interdepartmental conference for coordination in oil and
gas prospecting in Siberia and the Far East. Geol. i geofiz. no.11:
118-119 '60. (MIRA 14:2)

(Siberia--Prospecting)

OLLI, I.A.

Geology of the Tula and terrigenous parts of the Alexin horizons
in the Zhirnovsk, Bakhmet'evsk, and Linevsk areas. Uch.zap.
SGU 74:155-166 '60. (MIRA 15:7)
(Don Valley--Geology, Stratigraphic)

RODIN, R.S.; CILI, I.A.

Sedimentary series of the Mesozoic sediments in the northern part of
the Iana Depression. Trudy Inst.geol.i geofiz.Sib.otd.AN SSSR no.20:39-
48 '63. (MIRA 17:10)

OLLI, I.A.

Use of luminescent microscopy for determination of epigenetic
and syngenetic bituminosity of rocks. *Geol. i geofiz.* no.12:
119-123 '64. (MIRA 18:6)

1. Institut geologii i geofiziki Sibirskogo otdeleniya AN SSSR,
Novosibirsk.

1985, 1.1.

On production of gas in the Mesozoic sediments of the Vilny
syncline and Verkhoyansk platform. Geol. i geofiz. no. 5:156-
160 1985. (MIRA 18:8)

L. Institut geologii i geofiziki Sibirskogo otdeleniya AN SSSR,
Novosibirsk.

OLLI, V.

Institut geologii Akademii nauk Estonskoy SSR. Eesti tead.akad.tehn.
funs. 8 no.4:271-286 '59. (KEAI 9:5)

1. Institut geologii Akademii nauk Estonskoy SSR.
(Estonia--Geology)

ORVIKU, K., prof.; NURM, E.; KALJO, D.; KINDLAM, M.; MANNIL, R.;
OLLI, V.; KRESS, Rich., red.; KASS, P., tekhn. red.

[Russian-Estonian geological dictionary] Vene-Eesti geoloogia
sõnastik. Koostanud K. Orviku ja teised. Tallinn, Eesti Riiklik
Kirjastus, 1963. 261 p. (MIRA 17:2)

1. Eesti NSV Teaduste Akadeemia. Geoloogia Instituut. 2.
Eesti NSV Teaduste Akadeemia, Geoloogia Instituut (for Kaljo,
Olli, Mannil). 3. Teaduste Akadeemia Keele ja Kirjanduse
Instituut (for Kindlam).

OLLI, V. D.

"The Use of Streptomycin in Experimental Tularemia on White Mice," Trudy Nauchno-issledovatel'skogo Instituta Mikrobiologii i Epidemiologii Yugo-Vostoka SSSR, Saratov, Vol 1, 1951, pp 164-167.

OLLI, V. D.

"Nutrient Media for the Production of Tularemia Vaccine Preparations,"
Trudy Nauchno-issledovatel'skogo Instituta Mikrobiologii i Epidemiologii Yugo-Vostoka
SSSR, Saratov, Vol 1, 1951, pp 174-180.

OLLI, V. D. and VERENINOVA, N. K.

"The Problem of the Stimulating Effect of Cystine on the Growth of Tularemia Bacteria," Trudy Nauchno-issledovatel'skogo Instituta Mikrobiologii i Epidemiologii Yugo-Vostoka SSSR, Saratov, Vol 1, 1951, pp 257-259.

VERESHINOVA, N.K.; KURSHOVA, A.N.; OLLI, V.D.; KONTONINA, A.A.

Compound therapy of experimental cholera infection. Report
No.1: Studies on the effectiveness of certain antibiotics in
the treatment of cholera septicemia in white mice. Antibiotiki
4 no.3:81-85 My-Je '59. (MIRA 12:9)

1. Gosudarstvennyy nauchno-issledovatel'skiy institut mikro-
biologii i epidemiologii Yugo-Vostoka SSSR ("Mikrob").

(ANTIBIOTICS, eff.

on exper. cholera, comparison of various
drugs (Rus))

(CHOLERA, exper.

eff. of various antibiotics, comparison (Rus))

GORBUNOVA, A.S.; STAKHANOVA, V.M.; LOZHKINA, A.N.; OLLI, V.D.

Comparative effectiveness of the carbon dioxide, *Vibrio comma* filtrate, and potassium periodate methods of serum treatment in the elimination of nonspecific influenza virus A2 hemagglutination inhibitors. Vop. virus. 4 no.6:750-753 N-D '59. (MIRA 13:3)

1. Institut virusologii imeni D.I. Ivanovskogo AMN SSSR, Moskva, i Gosudarstvennyy nauchno-issledovatel'skiy institut mikrobiologii i epidemiologii Yugo-Vostoka SSSR, Saratov.

(IMMUNE SERUMS)

(INFLUENZA VIRUSES immunol.)

(HEMAGGLUTINATION)

~~SECRET~~ 011. y +
AUTHOR: None given

5-3-16/37

TITLE: Chronicle of the Geographic Section (Khronika geograficheskoy sekti)

PERIODICAL: Byulleten' Moskovskogo Obshchestva Ispytateley Prirody, Otdel Geologicheskii, 1957, No 3, pp 162-164 (USSR)

ABSTRACT: The following reports were delivered at the meeting of the Geographic Section, Moscow ~~Society~~ of Naturalists, from 6 February to 22 March 1957: V.V. Reverdatto (from Tomsk) on the "Blanket Glaciation of Central Siberia and Glacial Plant Relics at the Southern Glaciation Border"; V.L. Levin on the "Types of Sands in the Area West of Caspian Sea"; M.P. Zambrovskaia on the "Problem of the Nile" (This report was published as a separate publication by the "Geografizdat"); S.V. Viktorov on "Botanic Signs of Rock and Soil Bituminosity in the Southern Ustyurt and in North-Eastern Turkmenistan, A.N. Zelinskiy on "Archeological Pamir Expedition", and Ye.I. Olli on "Karatau Karst (Southern Kazakhstan)".

AVAILABLE: Library of Congress

Card 1/1

OLLII, Ye.I., Cand Geol-Min Sci--(diss) "^{Karst}~~Carst~~ of the mountain
range of the Bol'shoy Karatau." Mos, 1958. 16 pp (Lin of Higher Education
USSR. Inst Geol-^{Prospecting}~~Geology~~ Inst in S.Ordzhonikidze), 150 copies (II, 47-58,
131)

- 22 -

AUTHOR: Olli, Ye.I.

SOV-5-58-3-5/39

TITLE: Karst Formations of the Bol'shoy Karatau Mountain Range
(Karst khrebtta Bol'shoy Karatau)

PERIODICAL: Byulleten' Moskovskogo obshchestva ispytateley prirody,
Otdel geologicheskiiy, 1958, Nr 3, pp 73-88 (USSR)

ABSTRACT: The author publishes the result of 3 years of study of karst formations of the Bol'shoy Karatau mountain range. No special studies were conducted during the first half of this century on the karst formations of this area. In 1943, V.V. Galitskiy subdivided karst formations into 2 types: karst containing carbonic acid and those containing sulfuric acid compounds. Recently, the Moskovskiy geologo-razvedochnyy institut (the Moscow Geologic-Propecting Institute) started geologic-morphological research of the Bol'shoy Karatau by sending out the South Kazakhstan expedition, headed by G.I. Raskatov. In 1952-1954, V.N. Razumova studied the Mesozoic and Cenozoic deposits, and succeeded in accurately determining the age of karst formations. It was found that deposits of different age formed the mountains of the Bol'shoy Karatau, ranging from the Pre-Cambrian to the Quaternary Period (Figure 1). The geologic formation of the

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SOV--5-58-3-5/39

Karst Formations of the Bol'shoy Karatau Mountain Range

Bol'shoy Karatau took place in 2 phases: the Geosyncline Period from the Pre-Cambrian to the Middle Carboniferous, and the period following the Hercinian folding at the end of the Middle Carboniferous, at which time the entire area underwent an uplift and subsequently developed into a plateau. The absence of Upper Paleozoic and Triassic deposits leads to the conclusion that this region was lifted from below sea level at the end of the Paleozoic Era, while the Jurassic Period was a period of activated tectonic processes. At the beginning of the Cretaceous Period the surface of the Bol'shoy Karatau range was a denuded plain with slight depressions covered with sediments of red clay. A dome-like elevation of the Paleogene Period became temporarily submerged below the sea surface, which was uplifted during the Pliocene Epoch. At the present time, the basic relief of the Central Karatau is composed of an eroded Paleogene surface, but consists of Upper Cretaceous formations at the Boroldaysk Mountains. The author gives detailed descriptions

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SOV-5-58-3-5/39

Karst Formation of the Bol'shoy Karatau Mountain Range

of morphologic structures of surface and subsurface karst formations, and cites several regularities of karst forming. There is 1 map, 1 chart, 1 sketch, 3 photos, and 11 Soviet references.

1. Geology--USSR
2. Earth--Configuration

Card 3/3

S/262/62/000/009/017/017
1007/1207

AUTHOR: Grosshans, S. G., Marcadel, J., Monnot, G., Ollier, J. and Vichievsky, R.

TITLE: French solutions to the problem of multi-fuel engines

PERIODICAL: Referativnyy zhurnal, otdel'nyy vypusk. 42. Silovyye ustanovki, no. 9, 1962, 65, abstract 42.9.390. In collection "5-y Mezhdunar. nef. kongress, 1959". M., Gostoptekhizdat, v. 4, 1961, 201-202

TEXT: The report analyzes the problems of using different fuels (both of the diesel and high-octane grade) in piston engines without changing their basic design. The most efficient method proved to be fuel injection into the combustion chamber at two different, exactly established time intervals, within a single cycle. This method ensures maximum control of the combustion process and may be used for light-fraction fuels, for combustion of various fuel grades in case of difficulties in normal fuel supply, for reduction of diesel engine vibration and smoking at the exhaust pipe as well as for the increase in maneuverability and power output. ✓

[Abstracter's note: Complete translation.]

Card 1/1

OLLER, R. K.

Dissertation: "Calculation of Girder Structures on an Elastic Foundation." Cand Tech Sci, Tallin Polytechnic Inst, Tallin, 1953. Referativnyy Zhurnal--Mekhanika, Moscow, May 54.

SO: SUM 284, 26 Nov 1954

SOV/124-57-5-5882

Translation from: Referativnyy zhurnal. Mekhanika, 1957, Nr 5, p 123 (USSR)

AUTHOR: Ollik, K. K.

TITLE: Stability of an Elastic Circular Cylindrical Shell Subject to High External Lateral Pressures (Ustoychivost' uprugoy krugovoy tsilindricheskoy obolochki pri bol'shikh vneshnikh bokovykh davleniyakh)

PERIODICAL: Tr. Tallinsk. politekhn. in-ta, 1955, Vol A, Nr 65, pp 54-60

ABSTRACT: An investigation is made into the change in the potential energy of shells of medium length on transition from an axisymmetrical type of equilibrium to a non-axisymmetrical one. The function for the dimensionless normal flexure is given as follows:

$$w = (c_1 \sin \frac{\pi R}{L} \xi + c_3 \sin \frac{3\pi R}{L} \xi) \cos s\theta + \frac{s^2}{4} (c_1 \sin \frac{\pi R}{L} \xi + c_3 \sin \frac{3\pi R}{L} \xi)^2$$

where θ and ξ are the coordinates of the middle surface in the peripheral and longitudinal directions; R and L being the radius and the length of the shell, respectively. Next, the stress function is

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SOV/124-57-5-5882

Stability of an Elastic Circular Cylindrical Shell Subject to High External (cont.)

determined, and the potential energy of the shell is calculated. The conditions for the external value of the energy according to the three independent parameters c_1 , c_2 , and α lead to the derivation of a system of algebraic equations making it possible to find the relationship of the potential energy of the shell and the magnitude of the external pressure, p . This relationship is presented graphically in dimensionless form. The appended graph shows non-axisymmetrical forms of equilibrium to be possible when $p > 0.62p^*$. When $p > 0.74p^*$, the potential energy of the non-axisymmetrical form of equilibrium is less than the energy of the axisymmetrical form. Here p^* is the upper critical pressure in a shell of medium length, and is determined by the equation.

$$p^* = \frac{0.85E}{(1-\mu^2)^{3/4}} \frac{t}{L} \left(\frac{t}{R}\right)^{3/2}$$

where t is the thickness of the shell.

N. A. Alfutov

Card 2/2

OLLIK, K. K.

18,8200

82133

3/124/60/000/002/010/012

Translation from: Referativnyy zhurnal, Mekhanika, 1960, No. 2, p. 106, # 2379

AUTHOR: OLLIK, K.K.

TITLE: On Axisymmetrical Oscillations of Circular-cylindric Thin-walled Shells

PERIODICAL: Tr. Tallinsk. politekhn. in-ta, 1958, Vol. A, No. 147, pp. 15-30

TEXT: Steady axisymmetrical oscillations of closed circular-cylindric shells are considered. The forces of rotational inertia and shear deformations are not taken into account, also oscillations of very high frequencies are not considered. The results from the simplified calculation approximately coincide with the results from the exact calculation, provided that

$$\alpha_* > 5n\delta$$

where α_* is the critical length of the shell related to the diameter; n is the number of half-waves in the cylinder; δ is the ratio of the shell thickness to the radius of the median surface. Tables are added for determining the critical length α_* of a shell, the edges of which are free or jammed, in case when the Poisson coefficient amounts to $\nu = 0.3$. It is stated that a further simplification of the Calculation, according to the proposal of V. Ye. Breslavskiy (Inzhenernyy

Card 1/2

XX

L 00729-67 EWT(m)/EWP(j)/T WW/JXT(CZ)/RM
ACC NR: AT6019488 SOURCE CODE: UR/2807/65/000/227/0003/0040

AUTHOR: Ollik, K. K.

ORG: none

TITLE: Corpuscular model of a material in the strength of materials

SOURCE: Tallinn. Politehnicheskiy institut. Trudy. Seriya A, no. 227, 1965. Sbornik statey po soprotyvleniyu materialov, stroitel'noy mekhanike i stroitel'noy fizike (Collection of articles on resistance of materials, structural mechanics and structural physics), 3-40

TOPIC TAGS: material strength, elasticity, material deformation, elasticity theory, elastic deformation, model

ABSTRACT: Certain applications of a new model for use in studies of the strength of materials are presented. In place of the commonly accepted concept of a material as a uniform substance, the proposed model is made in consideration of the real corpuscular structure of the material. On this basis the work and behavior of the material is studied at varying stress conditions. Figure 1 is an illustration of the mathematical representation of corpuscle dimension. These dimensions are considered to be infinitesimally small, so that a condition of mathematical continuity of the material body exists. External and internal forces are then discussed as they are applied

UDC: 539.3+539.4

Card 1/2

L 00729-67

ACC NR: AT6019488

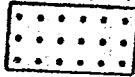
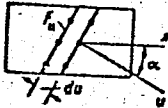


Fig. 1.



through corpuscular interactions. The model permits an explanation not only of compressive force interactions, but also the elastic properties of a material, tensile force interactions, and the deformed state of the material. A new shear characteristic is introduced, called the H modulus. For constant μ and E, this modulus remains constant even at large deformations. Mechanisms and causes of failure are studied in the context of the proposed model, and material properties characterized by the Poisson coefficient are related to strength evaluations. The proposed tensile stress analog does not involve the introduction of new formulae in the theory of material strength, and the transition to the study of body deformations does not involve mathematical complexities. A physical basis for the stressed condition is given; this concept holds that, during body deformation, the number of corpuscles bearing on adjacent facets (grains) remains constant. With this model, the domain of the linear theory of elasticity is expanded inasmuch as for constant μ and E (and hence, constant H), shear, compressive, and tensile distortions are linear functions of stress, even for large deformations. Orig. art. has: 138 equations and 21 figures.

SUB CODE: 11, 20/ SUBM DATE: none/ OTH REF: 001

Card 2/2-11

OELLINGER, K.

52. The work of the Machine Factory for the Light Industry on behalf of the wood industry -- A Konyuipari Gepgar munkaja a faipar erdekeben -- by K. Oellinger. (Wood Industry -- Faipar -- Vol. 1, No. 5, pp. 144--145, May 1951, 3 figs.)

The initial products of this factory did not meet the requirements of neither the domestic, nor the foreign market. The latest type "ON-250" abrasive belt lapping machine is the first independently designed machine for the wood working industry. The machine consists of a housing with rollers on the drive side and the tension side. Foreign make abrasive lapping machines generally operate at a belt speed of 26 to 28 m/sec, while the above machine, manufactured in series, operates at a belt speed of 30 m/sec. The article concludes with specifications of the machine.

GILLOS, G.

Research on filtration in nonhomogeneous subsoil under waterworks.

p. 1. Vol. 35, no. 1/2, Jan./Feb. 1955

SOURCE: Monthly list of East European Accessions, (EEAL), Lc, Vol. 5,
No. 3, March 1956

01105, G.

HUNG.

3562. Ollas, G., Investigation of seepage in nonhomogeneous soil under structures (in Hungarian), *Hidrologiai Közlemény* 35, 1/2, 3/4; 1-5, 117-128, Jan./Feb., Mar./Apr. 1, 55.

Paper describes seepage studies carried out in a flume with 14 different models, varying sheet-pile lengths and thickness of soil layers with different permeability coefficient and with horizontal and dipping surfaces. Author displays in tables and graphs the detailed test results—distribution of potentials, gradients, shape of flow lines, seepage velocities, and quantities of seepage—and gives critical comments and comparisons with the case of homogeneous ground. Some important qualitative statements have been fixed: There exists an unfavorable condition for the structure when (a) soil with lower permeability prevails in the downstream side; (b) the tip of the sheet piles comes closer to the stratum with lower permeability; (c) the uppermost layer in the seepage space is less permeable than the lower part.

A. Késti, Hungary

OLIOS, G.

Calculation of potential distribution under asymmetrical foundation slabs with two sheet piles by means of the Pavlovskii-Pilchakov method. p. 609.

VIZUSCHI KOZLEBENTEK. HYDRAULIC PROCEEDINGS, Budapest, Vol. (26) no. 4, 1954 (published 1955).

SO: Monthly List of East European Accessions, (SEAL), IC, Vol. 4, no. 10, Oct. 1955, Uncl.

OLLOS, Geza

Effect of soil stratifications on ground water movements
around wells. Hidrologiai kozlony 35 no.4:274-285 Ag'56

1. Budapesti Epitoipari es Kozlekedesi Muszaki Egyetem I.
sz. Vizepitestani Tanszeke (Tanszekvezeto: Dr. Nemeth Endre
megyei tanar, a muszaki tudomanyok doktora); "Hidrologiai
Kozlony"szerkeszto bizottsagi tagja.

OLLOS, G.

Effects of soil stratification on the movements of ground water around wells.
p. 274.

(HIDROLOGIAI KOZLONY. HYDROLOGICAL JOURNAL. Vol. 36, no. 4, Aug. 1956. Budapest)

SO: Monthly List of East European Accessions (EMAL) LC, Vol. 6, no. 6, June 1957. Uncl.

GLIOS, Geza

Examination of the water movement on the well casing and the water discharge of the well. Hidrologiai kozlony 37 no.1: 26-33 '57.

1. Epitoipari es Kozlekedesi Muszaki Egyetem I sz. Vizepitestani Tanszeke (Tanszekvezeto: Nemeth Endre egyetemi tanar, a muszaki tudomanyok doktora); "Hidrologiai Kozlony" szerkeszto bizottsagi tagja.

OLLÓS, Geza

Detailed examination of hydraulic conditions around the well casing. Hidrológiai közlöny 38 no.1:1-20 F'58.

1. Építőipari és Közlekedési Műszaki Egyetem I. sz.
Vízépítési Tanszék (Tanszékvezető: Nemeth Endre egyetemi
tanár, a műszaki tudományok doktora); "Hidrológiai Közlöny"
szerkesztő bizottsági tagja.

OLLOS, Geza

Hydraulic analysis of the Dortmund sedimentation basin
having mixing compartment. Hidrologiai kozlony 38 no.4:
253-261 Ag'58.

1. Epitoipari es Kozlekedesi Muszaki Egyetem I sz. Vizapi-
testani Tanszeke (Tanszekvezeto: Nemeth Endre egyetemi
tanar, a muszaki tudomanyok doktora); "Hidrologiai Koz-
lony" szerkeszto bizottsagi tagja.

CSAJAGHY, Gabor; BOZSONY, Denes; PICHLER, Janos; KASSAI, Ferenc;
GYORGY, Istvan; SZAFU, Pal Zoltan; DEVENY, Istvar (Szeged);
KIRALY, Lajos (Miskolc); ZIEGLER, Karoly; PAPP, Szilard;
SCHMIDT, Eligius Robert; GALLI, Laszlo; VAJDA, Jozsef;
RONAI, Andras; ILLES, Gyorgu; OLLOS, Geza; FINALY, Lajos;
MOSONYI, Emil; PAPP, Ferenc

Minutes of the December 19, 1958 general meeting arranged by
the Hungarian Hydrological Society, Hidrologiai kozlony.39
no.5:394, 401-404 0 '59.

1. "Hidrologiai Kozlony" szerkeszto bizottsagi tagja (for
Csajaghy, Gyorgy, Szilard Papp, Ferenc Papp, Schmidt and
Galli). 2. Orszagos Vizugyi Fozgazgatóság (for Ziegler).

OLLOS, Geza

Seepage control of aqueducts and sewerage by radioactive isotopes. Vizugyi kozl no.3s432-436 '59.

OLIG, G.

"The effect of irrigation and drainage canals on the evolution of the ground-water level." p. 123.

HIDROLOGIAI KOZLOM. HYDROLOGICAL JOURNAL. (Magyar Hidrológiai Társaság).
Budapest, Hungary, Vol. 39, No. 2, Apr. 1959.

Monthly List of East European Accessions (EMAI), LC, Vol. 8, No. 8, August
1959.
Uncla.

OLLÓS, Geza

Effect of inhomogeneous soils on the water discharge of wells.
Hidrologiai közlony 40 no.1:33-47 F '60.

1. Építőipari és Közlekedési Műszaki Egyetem I.Vízépítési Tanszéke;
"Hidrologiai Közlony" főszerkesztője.

OLLCS, Geza

Well filters and their hydraulic investigation. Vizugyi kozl
no.I:33-60 '60.

1. Epitoipari es Kozlekedesi Muszaki Egyetem I. Vizspitestani
Tanszeka. Tanszekvezeto: Nemeth Endre egyetemi tanar, a muszaki
tudomanyok doktora.

OLLCS, Geza

Application of dimensionless parameters in well hydraulics.
Vizsgyi kozl no.4:581-589 '60.

VAGAS, Istvan; OLLCS, Geza

Society and technical news. Hidrologiai kozlony 40 no.3:184,207,
253 Je '60.

1. "Hidrologiai Kozlony" szerkeszto bizottsagi tagja es rovat-
vezetoje (for Vagas). 2. "Hidrologiai Kozlony" foszerkesztoje
(for Ollcs).

OLLOS, Geza

"Up-to-date methods for measuring liquid quantities" by Csaba
Fay. Reviewed by Geza Ollos. Hidrologiai kozlony 40 no.5:433
0 '60.

1. "Hidrologiai Kozlony" foszerkesztoje.

OLLOS, Geza

Development of the investigation of catchment areas by using models in China. Hidrologiai kozlony 40 no.6:522 D '60.

1. "Hidrologiai Kozlony" foszerkesztoje.

OLLOS, Geza, okleveles mernok, Magyar Tudomanyos Akademia munkatarsa

Effect of the capillary fringe on the free-surface seepage processes.
Vizugyi kozl no.2:127-149 '61.

1. Epitoipari es Kozlekedesi Muszaki Egyetem I. szamu Vizepi-
testani Tanszeka, Budapest.

OLLOS, Geza; VAGAS, Istvan

Effect of the shape and size of rice plantations on infiltration.
Hidrologiai kozlony 41 no.1:31-42 F '61.

1. Epitoipari es Kozlekedesi Muszaki Egyetem, Budapest;
"Hidrologiai Kozlony" foszerkesztoje (for Ollos).
2. Vizgazdalkodasi Tudomanyos Kutato Intezet, Budapest;
"Hidrologiai Kozlony" szerkeszto bizottsagi tagja es rovat-
vezetoje (for Vagas).

OLLCS, Geza, dr., okleveles mernok, a muszaki tudományok kandidátusa

Hydraulic questions of horizontal filter wells. Vizügyi közl no.2:
233-267 '62.

1. No.1 Chair of Hydraulic Engineering, Technical University of
Building and Transportation, Budapest.

VAGAS, Istyan; OLLOS, Geza

Society and technical news. Hidrologiai kozlony 42 no.6:466,
470, 477, 487 D '62.

1. "Hidrologiai Kozlony" szerkeszto bizottsagi tagja es
rovatvezetoje (for Vagas). 2. "Hidrologiai Kozlony" foszerkesztoje
(for Ollos).

OLLAS, Geza dr., a muszaki tudományok kandidátusa; DELI, Matild; SZOLNOKY, Csaba; KARADI, Sabor, dr., a muszaki tudományok kandidátusa

Results in model tests on lowering underground water level by means of vacuum wells. Hidrológiai közlöny 43 no.1:19-30 F '63.

1. Építésiipari és Közlekedési Műszaki Egyetem I.sz.Vízépítési Tanszéke (for Ollos, Deli, Szolnoky). 2. "Hidrológiai Közlöny" főszerkesztője (for Ollos).

VAGAS, Istvan; SZABO, Laszlo, dr.; KOMTUR, Gyorgy; IVICSICS, Lajos, dr.;
OLLCS, Geza

Society and technical news. Hidrologiai kozlony 43 no.2:98,112,118,
121, 129, 164, 184 Ap '63.

1. "Hidrologiai Kozlony" szerkeszto bizottsagi tagja (for Ivicsics and
Vagas). 2. "Hidrologiai Kozlony" fozszerkesztoje (for Ollcs).

OLLOS, G., Kandidat der technischen Wissenschaften; DELI, M.:
~~OLLOS, G.~~ SZOLNOKY, Cs.

Results in model tests on ground water level lowering by
vacuum wells. Acta techn Hung 49 no.1/2:163-189 '64.

1. Lehrstuhl I. für Wasserbau an der Technischen
Universität für Bau- und Verkehrswesen, Budapest.

OLLOS, Geza, dr., a mészaki tudományok kandidátusa

Model tests of hydraulic processes occurring in the karstic systems. Hidrológiai közlöny 44 no.1:21-29 Ja'64.

1. Építőipari és Kozlekedési Mészaki Egységek Vizsgálódási Tanszéke, Budapest; "Hidrológiai Közöny" főszerkesztője.

OLLAS, Geza, a muszaki tudományok kandidátusa

Model tests of seepage phenomena. Muzsaki közl MTA 33 no.1/4:
99-126 '64

OLLOS, G., Card of Techn. Sc.

Model investigations into seepage. Acta techn Hung 49
no.3/4:327-355 '64.

1. Budapest Technical University.

LIPTAK, Ferenc, dr., mernok, adjunktus; (Q/MG), Geza, dr., a muszaki tudományok
kandidátusa, docens

Seepage from covered and insulated irrigation canals. Vizügyi közl
no.4:549-574 '64.

1. Chair of Water Resources Development of the Technical University
of Building and Transportation, Budapest.

VAGAS, Istvan; OLLOS, Geza

Society and technical news. Hidrologiai kozlony 44 no.11:
510,521 N '64.

1. Editorial board member, "Hidrologiai Kozlony" (for Vagas).
2. Editor-in-Chief, "Hidrologiai Kozlony" (for Ollos).

OLLOS, G.

Present hydraulic problems of wells with horizontal drains.
Studii geotehn fund constr hidro 7:43-56 '64.

OLLOS, Geza, dr.

"Rate of flow measurements" by V.I.Monahov. Reviewed by
Geza Ollos. Hidrologiai kozlony 45 no.2:88 F '65.

1. Editor-in-Chief, "Hidrologiai Kozlony", Budapest.

ZAKRZHEVSKIY, D.A.; OJAJKAYNEN, A.M.

Quantitative determination of the main carotenoids in conifer
needles. Fiziol. rast. 11 no.6:1082-1083 N-D '64. (MIRA 18:2)

1. Department of Botany and Plant Physiology, Botanical Gardens
of Petrozavodsk State University.

~~OLLYKAYNEN, A.M.~~

Effect of ultraviolet irradiation on the physiological processes of plants beyond the Arctic Circle. Nauch.dokl.vys.shkoly; biol.nauki no.3:149-152 '65. (MIRA 18:8)

1. Rekomandovana kafedroy botaniki i fiziologii rasteniy i botanicheskim sadom Patrozavodskogo gosudarstvennogo universiteta.

OL'MAN, E.Y.; SOLOV'YEV, Ya.I.; TOKAREV, V.P.

[Automatic pilots] Avtopiloty. Moskva, Glav. red. aviatsionnoi lit-ry, 1946.
470 p. (MIRA 6:8)
(Automatic pilot (Airplanes))

CH
5

 Compounds containing a three-membered oxide ring.

 XIV. Reaction of cyclic esters of β -methyl- α -

 substituted glycolic acids with aniline. V. F. Martynov and

 G. O. Ivanov (State Univ., Leningrad). *Zhur. Obshch. Khim.*

 29, 1681-6 (1955); cf. *C.A.* 50, 2542c. —The reactivity of

 the oxide ring in glycolic acids declines sharply upon intro-

 duction of highly branched groups in the proximity of the

 ring; in these circumstances the reaction with aniline tends

 to proceed at the carbonyl end of the mol. Reaction of 72

 g. PrCHO and 122.5 g. ClCH₂CO₂Et with 1 mole EtONa at

 0° gave 20.5% Et 2-hexenoate epoxide, bp 97-8°, d₄

 0.9789, n_D²⁰ 1.4337. This (15.4 g.) and 27 g. PhNH₂ heated

 in an ampul 6 hrs. at 163-5° gave 67.5% PrCH(NHPh)CH-

 (OH)CO₂Et, bp 131.5-2°, d₄ 1.0698, n_D²⁰ 1.5284, which

 heated with H₂SO₄ to 115° 0.5 hr. yielded 80% 2-propylin-

 dole, bp 119-20°, m. 33-4°; *picrate*, red, m. 144-5.5° (de-

 compn.). iso-PrCHO and Et₂OCCH₂Cl in Et₂O, treated

 with EtONa, gave 38% 1-carbethoxy-2-isopropylethylene

 oxide, bp 86-7.5°, d₄ 1.3024, n_D²⁰ 1.4313, which heated with

 PhNH₂, 15 hrs. at 184-6° gave 28% iso-PrCH(NHPh)CH-

 (OH)CO₂Et, bp 129-5°, m. 69°, and a low yield of the corre-

 sponding anilide, bp 160-70°, m. 133.5°; the Et ester heated

 with H₂SO₄ 0.5 hr. at 135° gave 52% 2-isopropylindole, m.

 78.5° (*picrate*, red, decomp. 130°). iso-BuCHO and Cl(CH₂)

 CO₂Et similarly gave 36% 1-carbethoxy-2-isobutylethylene

 oxide, bp 108-8°, d₄ 0.9930, n_D²⁰ 1.4398, which heated with

 PhNH₂, 10 hrs. at 145-58° gave 33.1% iso-BuCH(NHPh)-

 CH(OH)CO₂Et, bp 125-30°, m. 63-3.5°, and a little of the

 corresponding anilide, bp 180-90°, m. 187-8°. C.H.₂CHO

CO₂H, b.p. 183-5° $\text{C}_6\text{H}_5\text{CH}(\text{NH}_2)\text{CH}(\text{OH})_2$

G. M. Kozolapoff

(1)

OL'MAN, G. Cand Chem Sci -- (diss) "The Interaction Between the
Aliphatic and Aromatic ^{glycide} Esters and the Ammonia and Aniline." Len, 1957.
15 pp 20 cm. (Len Order of Lenin State Univ im A. S. Zhdanov),
125 copies (KL, 27-57, 105)

OL'MAN, G.

MARTYNOV, V.F.; OL'MAN, G.

Investigation in the field of compounds containing a three-membered
oxide ring. Part 19: Study of the reaction of α -arylglycidic acid
with ammonia and aromatic amines. Zhur.ob.khim. 27 no.7:1881-1892
Jl '57. (MIRA 10:10)

Leningradskiy gosudarstvennyy universitet.
(Glycidic acid)

AUTHORS: Martynov, V. F., Ol'man, G. 79-28-3-6/61

TITLE: Investigation Within the Field of Compounds With a Three-
-Membered Oxide Ring (Issledovaniye v oblasti soyedineniy,
soderzhashchikh trekhchlennoye okisnoye kol'tso)
XX. The Reaction of the Ethylesters of β -Nitrophenyl-Glycidic
Acid and p-Chlorophenylglycidic Acid With Ammonia and
Aniline (XX. Vzaimodeystviye etilovykh efirov β -nitrofenil-
glitsidnykh kislot i π -khlorfenilglitsidnoy kisloty s
ammiakom i anilinom)

PERIODICAL: Zhurnal Obshchey Khimii, 1958, Vol. 28, Nr 3, pp. 592-601
(USSR)

ABSTRACT: In one of the last works of the authors the reaction of the
ethylesters of β -phenylglycidic acid with ammonia and aniline
was dealt with; there it was found that all phenylglycidic
esters together with nucleophilic groups accumulate amines
in the α -position, i. e. just as is done by unsubstituted
phenylglycidic esters. For the final solution of the problem
concerning the effect of the substituent in the phenylring
on the point where the oxide-ring was opened under the action

Card 1/3

Investigation Within the Field of Compounds With a Three-
-Membered Oxide Ring.

79-28-3-6/61

XX: The Reaction of the Ethylesters of β -Nitrophenyl-Glycidic
Acid and γ -Chlorophenylglycidic Acid With Ammonia and Aniline

of the amines it was necessary to investigate the phenyl-glycidic esters which have electron-binding substituents within the phenylring. For this purpose the ethylesters of the following acids were synthesized and investigated: β -(p-nitrophenyl)-, β -(m-nitrophenyl)-, β -(o-nitrophenyl)- and β -(p-chlorophenyl)-glycidic acid. It was found that aniline is added to the ethylesters of β -(m-nitrophenyl)-, β -(p-nitrophenyl)- and β -(p-chlorophenyl)-glycidic acid in the α -position. Ammonia is bound at the β -(p-chlorophenyl-glycidic ester) in the α -position, at the β -(m-nitrophenyl)-glycidic esters, however, mostly in the β -position. At β -(p-nitrophenyl)-glycidic ester there is no accumulation of ammonia whatsoever. The ethylester of β -(o-nitrophenyl)-glycidic acid does neither bind aniline nor ammonia. The reaction of the sodium salt of β -(o-nitrophenyl)-glycidic acid with aniline was investigated, in which case no binding at the oxide ring of the glycidic acid takes place (this corresponds to earlier data). The infrared spectra of absorption of all aromatic glycidic esters investigated by the authors

Card 2/3

Investigation Within the Field of Compounds With a Three- 79-28-3-6/61
-Membered Oxide Ring.

XX. The Reaction of the Ethylesters of β -Nitrophenyl-Glycidic Acid
and π -Chlorophenylglycidic Acid With Ammonia and Aniline

as well as of the products of aniline accumulation were taken. The absorption maxima which most probably are characteristic for the oxide ring are given. There are 7 figures, 1 table, and 5 references, 2 of which are Soviet.

ASSOCIATION: Leningradskiy gosudarstvennyy universitet
(Leningrad State University)

SUBMITTED: February 16, 1957

Card 3/3

30

MARTYNOV, V.F.; OL'MAN, G.; VINDLER, T.; LEYBNITS, Ye.

Compounds containing a three-membered oxide ring. Part 26:
Reaction between aniline and the ethyl ester of β -phenylglycidic
acid. Zhur.ob.khim. 31 no.6:1806-1811 Je '61. (MIRA 14:6)

1. Leningradskiy gosudarstvennyy universitet i Leyptsigskiy
institut organicheskoy khimii.
(Glycidic acid) (Aniline)

OL'MAN, O. G.

USSR/Chemistry - Physical chemistry

Card 1/1 Pub. 147 - 4/26

Authors : Gerovich, M. A., and Ol'man, O. G.

Title : Electrical properties of condensed aromatic hydrocarbon films on aqueous inorganic salt solutions

Periodical : Zhur. fiz. khim. 28/1, 19-25, Jan 1954

Abstract : The diffusion of aromatic hydrocarbons - fluorene, chrysene and dihydro-pyranthrene - on the surface of aqueous inorganic salt solutions, was investigated. It was established that these hydrocarbons form polymolecular films charging positively the surface on which they are deposited. The positive charged surfaces increase with the increase in solution concentration and in the valence of the salt cation. The role of the aromatic structure in the positive charging process of the surface, is explained. The diffusion of non-polar compounds on the surface of solutions and the origination of a positive drop in the contact potential are the result of cation adsorption and polarization of the molecules of the non-polar substance. Three references : 2-USSR and 1-USA (1925-1951). Tables; graphs; drawing.

Institution : The M. V. Lomonosov State University, Moscow

Submitted : March 12, 1953

AVDOSHIN, Mikhail Filippovich; RENIZOV, Boris Aleksandrovich;
OL'MAN, Ye.V., inzh., retsenzent; KOLOSOV, M.A.,
~~inzh., red.~~

[Automation of the control and tests of automatic pilots
and their components] Avtomatizatsiia kontroliia i ispy-
tanii avtopilotov i ikh elementov. Moskva, Mashinostro-
enie, 1965. 202 p. (MIRA 18:2)

OLMER, J.; LEJCEK, A.

"Application of punched cards for recording the circulation of barrels and deliveries of beer." P. 119.

KVASNY PRUMYSL. (Ministerstvo potravinarskeho prumyslu). Praha, Czechoslovakia, Vol. 5, No. 5, May 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8, August 1959.
Uncla.