

MENDECKI, J.; GONCZY, M.

Inhibition of RNA synthesis by histones in regenerating rat
liver and cultures of human amnion. Bull. acad. Pol. sci.
[Biol.] 13 no.4:269-272 1965.

Submitted December 31, 1964.

L 31429-66

ACC NR: AP6023144

SOURCE CODE: PO/0046/66/011/001/0029/0034

AUTHOR: Krzywanska, Emilia; Mendecki, Jozef

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B

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TITLE: Measurement of activity of sup 14 C in the biological material by the liquid scintillation method

SOURCE: Nukleonika, v. 11, no. 1, 1966, 29-34

TOPIC TAGS: radioactivity measurement, scintillator, radiology

ABSTRACT: The optimal conditions for measurement of the activity of ¹⁴C in biological samples by the liquid scintillation method were determined. The samples were burned to CO₂, which was introduced into the scintillator solution. Orig. art. has: 2 figures and 1 table. [Based on authors' Eng. abst.] [NA]

SUB CODE: 18, 07, 06 / SUBM DATE: 10Sep65 / SOV REF: 003 / OTH REF: 005

Card 1/1 JT

0915

1354

MENDEL', A.K.

Effect of galascorbin on the healing of stomach wounds. Vrach.
delo no.3:261-263 Mr '59. (MIRA 12:6)

1. Kafedra fakul'tetskoy khirurgii (zav. - chlen-korr. AN USSR,
prof.I.N.Ishchenko) i kafedra biokhimii (zav. - prof.Ye.F.
Shamray) Kiyevskogo meditsinskogo instituta.
(ASCORBIC ACID--THERAPEUTIC USE) (STOMACH--WOUNDS AND INJURIES)
(VITAMINS--P)

MENDEL', A.K. (Kiyev, 20, ul.Zemskaya, d.2, kv.81)

Effect of surgical trauma on vitamin C metabolism. Nov. khir. arkh.
no.5:88-91.3-0 '60. (MIRA 14:12)

1. Kafedra fakul'tetskoy khirurgii (zav. - chlen-korrespondent AN
USSR prof. I.N.Ishchenko) i kafedra biokhimi (zav. - prof. Ya.F.
Shamray) Kiyevskogo meditsinskogo instituta.
(ASCORBIC ACID) (VITAMIN METABOLISM) (SURGERY)

MENDEL, A. K., Cand. Medic. Sci. (diss) "Influence of Galascorbine on Healing of Stomach Wounds. (Experimental Investigation and Clinical Observation)," Odessa, 1961, 16 pp. (Odessa Med. Inst.) 300 copies (KL Supp 12-61, 286).

MENDEL', A.K.

Use of galascorbin in the treatment of stomach diseases. Vrach.
delo no.2:38-43 F '61. (MIRA 14:3)

1. Kafedra fakul'tetskoy khirurgii (zav. chlen-korrespondent
AN USSR, prof. I.N.Ishchenko) i biokhimi (zav. - prof. Ye.F.Shamray)
Kiyevskogo meditsinskogo instituta.
(STOMACH--DISEASES) (ASCORBIC ACID)

MENDEL', Georg; ASTAUROV, B.L., otv. red.; GAYSINOVICH, A.Ye.,
red.; PASHKOVSKIY, Yu.A., red.

[Experiments with plant hybrids] Opyty nad rastitel'nyimi
gibridami. Moskva, Nauka, 1965. 158 p. (MIRA 18:8)

1. Chlen-korrespondent AN SSSR (for Astaurov).

MENDEL, L.; MERESTE, U.; PAJUPUU, E., otv. red.

[Statistical charts] Arvjoonised. Tartu, Tartu Riikool
Ülikool, 1963. 115 p. [In Estonian] (MIRA 18:3)

MENDEL', O.Ye.

DY Pegasi. Astron. tsir. no.191:17 My '58.

(MIRA 11:9)

1. Odesskaya astronomicheskaya observatoriya.
(Stars, Variable)

Country : RUMANIA / Chemical Technology. Chemical H
 Category : Products and Their Applications -- Dyeing and
 Chemical Treatment of
 Textile Materials

Abs. Jour : 44490

Author : Goldstein, P.; Solomon, I.; Fridis, A.;
 Institut. : Mandel, T.; Dickman, J.; Turcu, G.
 Title : Finishing of Fabrics and Knitted Fabrics from
 Synthetic Fibers Mixed with Other Fibers

Orig. Pub. : II- Const. tehn.-tint. a ind. usoare. Tex-
 Abstract : tila (Bucuresti), ASIT, 1957, 285-295

Experiments were conducted on specification of
 optimum conditions in bleaching and dyeing of
 fabrics and knitted fabrics from polyamide
 fibers (PI) in mixtures with rayons, cotton,
 and woollen fibers. The finishing of mixtures
 with PF can be conducted on existing equip-
 ment. Mixtures containing up to 40-50% of PF
 need no fixation. Dyes (1) and auxiliary
 materials are chosen depending on the char-

Card: 1/3

Country : RUMANIA / Chemical Technology. Chemical H
 Category : Products and Their Applications -- Dyeing and
 Chemical Treatment of
 Textile Materials

Abs. Jour : 44490

Author :
 Institut. :
 Title :

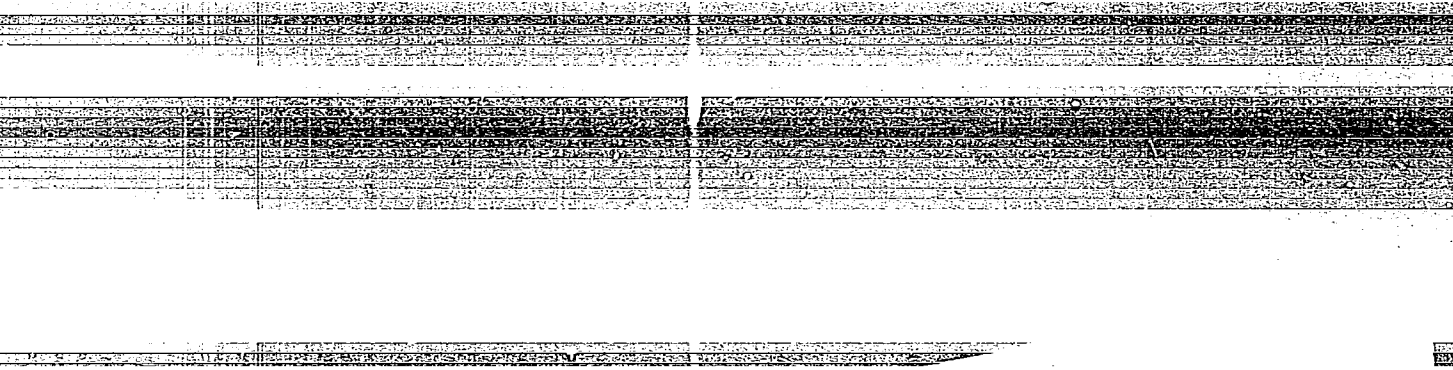
Orig. Pub. :

Abstract : character of the mixture and the purpose of the
 manufactured product. It is as yet impossible
 to establish general rules, since the behavior
 of D depends on the character of each indiv-
 idual mixture; therefore, before dyeing, the
 behavior of D is established under laboratory
 conditions. Addition of PF increases the
 durability of the material; therefore, the D
 used should possess the corresponding dura-
 bility. In mixture with PF the purest cotton
 is used with a minimum of impurities, since

Card: 2/3

"APPROVED FOR RELEASE: Wednesday, June 21, 2000

CIA-RDP86-00513R001033



APPROVED FOR RELEASE: Wednesday, June 21, 2000

CIA-RDP86-00513R001033

Country : USSR

Category :

Co. Jour :

Author : Solomon, I.; Golits, S.; Levina, L.; Turan, S.

Subject : Dyeing of cellulose in carboxylic

Title : Dyeing of cellulose in carboxylic

Orig. Int. : Izv. Akad. Nauk SSSR, Ser. Khim., 1958, 514-119

Abstract : This paper describes the dyeing of semi-synthetic and synthetic fibers with different classes of dyes (diazotized aniline, methylene blue, resorcinol, phenolphthalein, phenolphthalein, 100-110°C in the presence of a catalyst (NH_4NO_3 , NH_4Cl). Best results were

Cont: 1/3

M-83

H

Country : ROMANIA
Category :

Abs. Jour : 4427

Author :
Institut. :
Title :

Orig Pub. :

Abstract : obtained with UFA, a semiconsensate of urea and formaldehyde, in a molecular ratio of 1:2. Dynamometric stabilities change slightly. However, this chemical method diminishes the productivity of the drying frames; the fabric becomes stiff, and the woolen fiber loses its specific properties. Shrinkage of semi-woolen fabrics can be diminished up to 2-2.5% in the warp by moistening fabrics to 12% above their normal moisture and drying them at 70° during final finishing.

Card: 2/3

MEDEL, T.

Author: T. Medel, R. S. Steinberg, R. S. Steinberg
 Institution: Research Laboratories of the University of California, Berkeley
 Title: The Chemistry of Carboxylic Acids
 Abstract: This paper reports on the synthesis and properties of a series of...
 Omit Page: 11-15
 Abstract: The synthesis of a series of...
 Cam: 1/3

MEDEL, T. 1964

Category :

Year :

Author :

Institution :

Title :

Original :

Abstract : The reaction of NO_2 with $\text{C}_2\text{H}_5\text{NO}_2$ was studied by means of a rapid flow technique. The rate of reaction was measured at a constant temperature of $25 \pm 0.1^\circ\text{C}$. The rate of reaction was found to be first order in NO_2 and first order in $\text{C}_2\text{H}_5\text{NO}_2$. The rate constant k was found to be $1.1 \times 10^4 \text{ l mol}^{-1} \text{ s}^{-1}$. It is suggested that at the rate reported here the alkyl concentration, $[\text{C}_2\text{H}_5\text{NO}_2]$, of NO_2 is negligible. The rate constant is obtained with a substitution degree of 0.5, viscosity of 2.25 and a 4th order reaction. The products, $\text{C}_2\text{H}_5\text{NO}_2$ and $\text{C}_2\text{H}_5\text{NO}$, are formed at the mole fraction $0.5 : 0.5 =$

Serial #/3

4-170

Country
Reference

Abbr. Title

Author
Institution

Origin

Abstract

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... of the ... of the ...

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Country :
Category :
Abs. Jour. :
Author :
Inst. or S. :
Title :

Orig. Pub. :

Abstract : 1:1.2.3.4.5.6.7.8.9.10.11.12.13.14.15.16.17.18.19.20.21.22.23.24.25.26.27.28.29.30.31.32.33.34.35.36.37.38.39.40.41.42.43.44.45.46.47.48.49.50.51.52.53.54.55.56.57.58.59.60.61.62.63.64.65.66.67.68.69.70.71.72.73.74.75.76.77.78.79.80.81.82.83.84.85.86.87.88.89.90.91.92.93.94.95.96.97.98.99.100.101.102.103.104.105.106.107.108.109.110.111.112.113.114.115.116.117.118.119.120.121.122.123.124.125.126.127.128.129.130.131.132.133.134.135.136.137.138.139.140.141.142.143.144.145.146.147.148.149.150.151.152.153.154.155.156.157.158.159.160.161.162.163.164.165.166.167.168.169.170.171.172.173.174.175.176.177.178.179.180.181.182.183.184.185.186.187.188.189.190.191.192.193.194.195.196.197.198.199.200.201.202.203.204.205.206.207.208.209.210.211.212.213.214.215.216.217.218.219.220.221.222.223.224.225.226.227.228.229.230.231.232.233.234.235.236.237.238.239.240.241.242.243.244.245.246.247.248.249.250.251.252.253.254.255.256.257.258.259.260.261.262.263.264.265.266.267.268.269.270.271.272.273.274.275.276.277.278.279.280.281.282.283.284.285.286.287.288.289.290.291.292.293.294.295.296.297.298.299.300.301.302.303.304.305.306.307.308.309.310.311.312.313.314.315.316.317.318.319.320.321.322.323.324.325.326.327.328.329.330.331.332.333.334.335.336.337.338.339.340.341.342.343.344.345.346.347.348.349.350.351.352.353.354.355.356.357.358.359.360.361.362.363.364.365.366.367.368.369.370.371.372.373.374.375.376.377.378.379.380.381.382.383.384.385.386.387.388.389.390.391.392.393.394.395.396.397.398.399.400.401.402.403.404.405.406.407.408.409.410.411.412.413.414.415.416.417.418.419.420.421.422.423.424.425.426.427.428.429.430.431.432.433.434.435.436.437.438.439.440.441.442.443.444.445.446.447.448.449.450.451.452.453.454.455.456.457.458.459.460.461.462.463.464.465.466.467.468.469.470.471.472.473.474.475.476.477.478.479.480.481.482.483.484.485.486.487.488.489.490.491.492.493.494.495.496.497.498.499.500.501.502.503.504.505.506.507.508.509.510.511.512.513.514.515.516.517.518.519.520.521.522.523.524.525.526.527.528.529.530.531.532.533.534.535.536.537.538.539.540.541.542.543.544.545.546.547.548.549.550.551.552.553.554.555.556.557.558.559.560.561.562.563.564.565.566.567.568.569.570.571.572.573.574.575.576.577.578.579.580.581.582.583.584.585.586.587.588.589.590.591.592.593.594.595.596.597.598.599.600.601.602.603.604.605.606.607.608.609.610.611.612.613.614.615.616.617.618.619.620.621.622.623.624.625.626.627.628.629.630.631.632.633.634.635.636.637.638.639.640.641.642.643.644.645.646.647.648.649.650.651.652.653.654.655.656.657.658.659.660.661.662.663.664.665.666.667.668.669.670.671.672.673.674.675.676.677.678.679.680.681.682.683.684.685.686.687.688.689.690.691.692.693.694.695.696.697.698.699.700.701.702.703.704.705.706.707.708.709.710.711.712.713.714.715.716.717.718.719.720.721.722.723.724.725.726.727.728.729.730.731.732.733.734.735.736.737.738.739.740.741.742.743.744.745.746.747.748.749.750.751.752.753.754.755.756.757.758.759.760.761.762.763.764.765.766.767.768.769.770.771.772.773.774.775.776.777.778.779.780.781.782.783.784.785.786.787.788.789.790.791.792.793.794.795.796.797.798.799.800.801.802.803.804.805.806.807.808.809.810.811.812.813.814.815.816.817.818.819.820.821.822.823.824.825.826.827.828.829.830.831.832.833.834.835.836.837.838.839.840.841.842.843.844.845.846.847.848.849.850.851.852.853.854.855.856.857.858.859.860.861.862.863.864.865.866.867.868.869.870.871.872.873.874.875.876.877.878.879.880.881.882.883.884.885.886.887.888.889.890.891.892.893.894.895.896.897.898.899.900.901.902.903.904.905.906.907.908.909.910.911.912.913.914.915.916.917.918.919.920.921.922.923.924.925.926.927.928.929.930.931.932.933.934.935.936.937.938.939.940.941.942.943.944.945.946.947.948.949.950.951.952.953.954.955.956.957.958.959.960.961.962.963.964.965.966.967.968.969.970.971.972.973.974.975.976.977.978.979.980.981.982.983.984.985.986.987.988.989.990.991.992.993.994.995.996.997.998.999.1000.1001.1002.1003.1004.1005.1006.1007.1008.1009.1010.1011.1012.1013.1014.1015.1016.1017.1018.1019.1020.1021.1022.1023.1024.1025.1026.1027.1028.1029.1030.1031.1032.1033.1034.1035.1036.1037.1038.1039.1040.1041.1042.1043.1044.1045.1046.1047.1048.1049.1050.1051.1052.1053.1054.1055.1056.1057.1058.1059.1060.1061.1062.1063.1064.1065.1066.1067.1068.1069.1070.1071.1072.1073.1074.1075.1076.1077.1078.1079.1080.1081.1082.1083.1084.1085.1086.1087.1088.1089.1090.1091.1092.1093.1094.1095.1096.1097.1098.1099.1100.1101.1102.1103.1104.1105.1106.1107.1108.1109.1110.1111.1112.1113.1114.1115.1116.1117.1118.1119.1120.1121.1122.1123.1124.1125.1126.1127.1128.1129.1130.1131.1132.1133.1134.1135.1136.1137.1138.1139.1140.1141.1142.1143.1144.1145.1146.1147.1148.1149.1150.1151.1152.1153.1154.1155.1156.1157.1158.1159.1160.1161.1162.1163.1164.1165.1166.1167.1168.1169.1170.1171.1172.1173.1174.1175.1176.1177.1178.1179.1180.1181.1182.1183.1184.1185.1186.1187.1188.1189.1190.1191.1192.1193.1194.1195.1196.1197.1198.1199.1200.1201.1202.1203.1204.1205.1206.1207.1208.1209.1210.1211.1212.1213.1214.1215.1216.1217.1218.1219.1220.1221.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NOVIKOV, M.P., kand.tekhn.nauk, red.; BAUMAN, I.M., red.izd-va;
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AUTHOR: Bobrova, L. N.; Zakharov, B. A.; Mendeley, B. A.; Yudanov, B. V.

ORG: none

TITLE: Analyzing the operation of a logarithmic pulse accumulator

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ABSTRACT: Fundamental formulas for designing logarithmic pulse accumulators (which are used in nuclear-reactor startup procedures) are developed. It is proven that the voltage across the accumulating capacitor remains practically constant, and its value logarithmically dependent on the pulse-repetition frequency; thus, the accumulator operates as a pulse-repetition frequency meter. Longer pulses cause errors in measuring that frequency (formula supplied). A formula is also given for selecting instrument parameters on the basis of specified requirements of its speed of operation (or the minimum period of nuclear reactor). Orig. art. has: 3 figures and 14 formulas.

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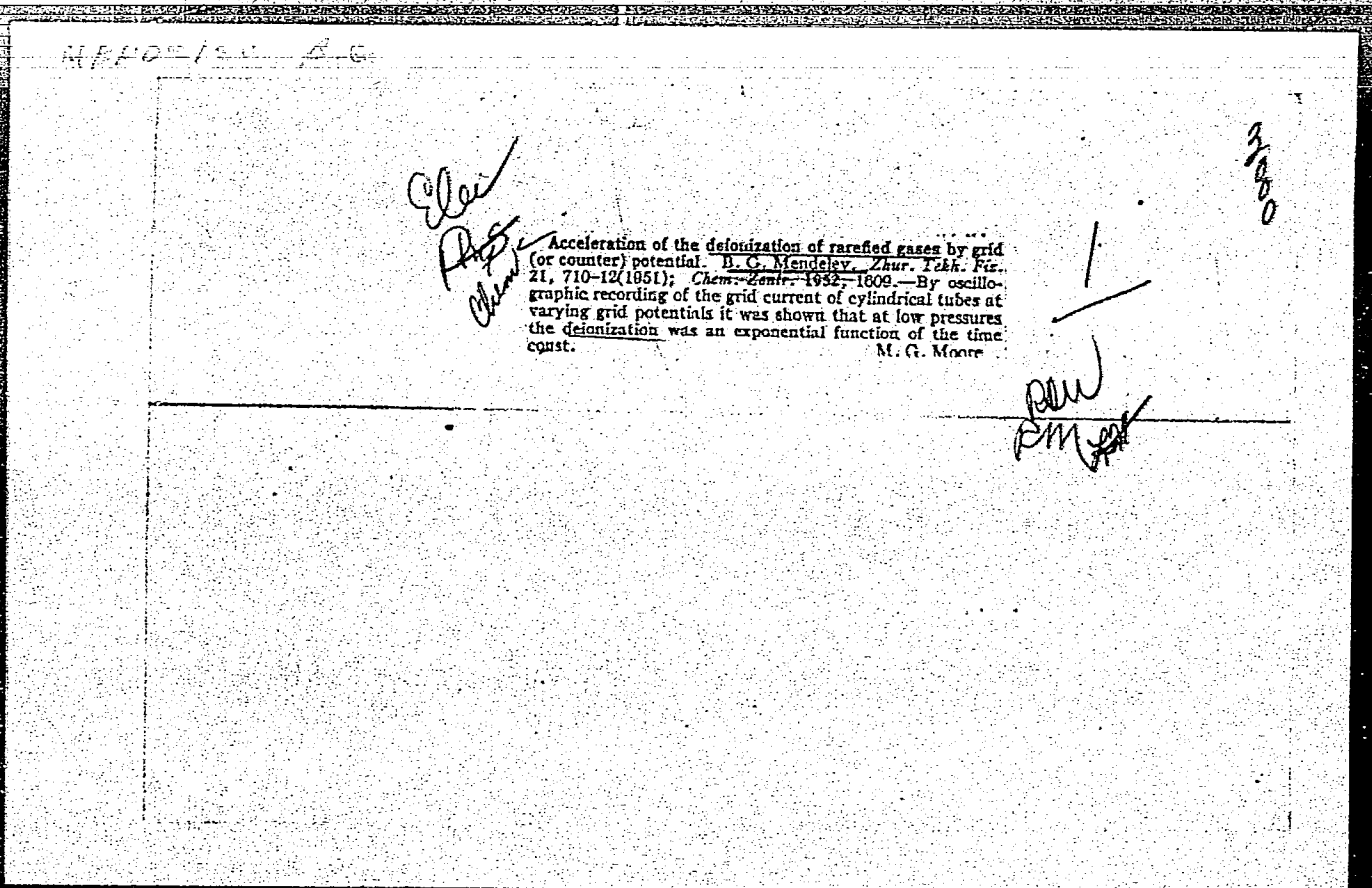
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Nov. 11, 1949

SO: Journal of Technical Physics, 21, No. 2 (Feb. 1951)



Acceleration of the desorption of rarefied gases by grid (or counter) potential. B. G. Mendel'sky. *Zhur. Tekh. Fiz.* 21, 710-12(1951); *Chem. Zvest.* 1932, 1809. — By oscillographic recording of the grid current of cylindrical tubes at varying grid potentials it was shown that at low pressures the desorption was an exponential function of the time const. M. G. Moore

Mendeleev, B.G.

USSR/Electronics - Electronic and Ionic Emission

H-2

Abs Jour : Referat Zhur - Fizika, No 5, 1957, 12281

Author : Mendeleev, B.G., Bebchuk, A.S., Glukhareva, N.G.

Inst :

Title : Application of Sonic and Ultrasonic Vibrations in Technology of Manufacture of Cathodes and Heaters (Preliminary Information).

Orig Pub : Tr. N.-i. in-ta. M-vo radiotekhn. prom-sti SSSR, 1956, vyp 2-3 (30-31), 71-73

Abstract : It is reported that sonic and ultrasonic oscillations (in most cases 10 kc) have been used to obtain aluminum and carbonate suspensions, for the purification of parts of electro-vacuum tubes, and in particular, for the purification of the internal surface of cathode tubes. The vibrations are produced with the aid of a magnetostriction setup with a nickel vibrator. Good results are obtained in the purification of cathode tubes. After 5 -- 7 minutes

Card 1/2

MERKEL', Mikhail Arkad'yevich; MENDELEV, L.M., redaktor; VASIL'YEV, L.V.,
redaktor; RAKOV, I.S., tekhnicheskii redaktor

[Carpenter] Plotnik-opalubshchik. Izd. 3-e perer. i dop. Moskva,
GVses. uchebno-pedagog. izd-vo Trudrezervizdat, 1955. 235 p.
(Carpentry) (MLRA 9:1)

MENDELEV, M. (Leningrad)

Volunteer firemen inspect electric equipment. Pozh.delo 7
no.8:12 Ag '61. (MIRA 14:8)
(Fire prevention--Societies)

MENDELEV M.B.

PUNIN, I.I.; MENDELEV, M.B.; EKSHEYN, I.M.

Semi-woolen cloth with selvage of pure staple fiber. Tekst.prom.
14 no.9:41-42 S '54. (ML2A 7:11)
(Woolen and worsted manufacture)

STAVTSEV, A.K.; MENDELEV, M.B.; PRIVALOV, G.T.; GAPONOVICH, V.Ye.

First results. Tekst. prom. 24 no.3:84-86 Mr '64. (MIRA 17:9)

1. Glavnyy inzh. Kiyevskogo kombinata iskusstvennogo i sinteticheskogo volokna (for Stavtsev).
2. Glavnyy inzh. Krasnodarskogo kamvol'no-sukonnogo kombinata (for Mendeleev).
3. Glavnyy inzh. Fryanovskogo kamvol'no-pryadil'noy fabriki (for Privalov).
4. Glavnyy inzh. Pavlo-Posadskogo kamvol'nogo kombinata (for Gaponovich).

MENDELEV, M.B.

Utilization of the wastes of worsted spinning. Tekst. prom. 25
no.12:26-28 D '65. (MIRA 19:1)

1. Glavnyy inzh. Krasnodarskogo kamvol'no-sukonnogo kombinata.

ИВАН ДЕМЕТРИЙ

DYLEVICH, F.I., inzhener; ~~HEINDELBY, M.Ye.~~

Reducing residual stress in amplidynes. Vest.electroprom. 27 no.7:68-69
J1 '56. (MLRA 10:8)

(Electric controllers)
(Rotating amplifiers)

KVIRIKADZE, V.V.; MENDELEVA, M.A.

Antibacterial effect of aminazine; experimental studies. Report No.1.
Zhur. nevr. i psikh 59 no.5:575-580 '59 (MIRA 12:7)

1. Mikrobiologicheskaya laboratoriya (zav. - kand. med. nauk V.V. Kvirikadze) Nauchno-issledovatel'skogo instituta psikiatrii Ministerstva zdravookhraneniya RSFSR (dir. - prof. V.M. Banskchikov), Moskva.
(CHLORPROMAZINE, eff.
antibact, eff. (rus))

KVIRIKADZE, V.V., kand.med.nauk; MENDELEVA, M.A.; ROMANOVA, I.S.;
BOBROVA, I.N.

Some immunological characteristics in vascular diseases (atherosclerosis of the brain and hypertension) with mental disorders. Trudy Gos. nauchno-issl. inst. psikh. 22:370-379 '60. (MIRA 15:4)

1. Klinika sosudistykh psikhozov (zav. klinkoy - prof. V.M.Banshchikov) i immunobiologicheskaya laboratoriya (zav. laboratoriyey - kand.med.nauk V.V.Kvirikadze) Gosudarstvennogo nauchno-issledovatel'skogo instituta psikiatrii Ministerstva zdravookhraneniya RSFSR.
(CEREBRAL ARTERIOSCLEROSIS) (MENTAL ILLNESS)

BANSHCHIKOV, V.M., prof.; KVIRIKADZE, V.V., kand.med.nauk; MENDELEVA, M.A.

Influence of reserpine on the concentration of antibodies circulating
in the blood. Trudy Gos. nauchno-issl. inst. psikh. 22:420-425 '60.
(MIRA 15:1)

1. Klinika sosudistyykh psikhozov (zav. - prof. V.M.Banshchikov)
i immunobiologicheskaya laboratoriya (zav. laboratoriyey - kand.
med.nauk V.V.Kvirikadze) Gosudarstvennogo nauchno-issledovatel'skogo
instituta psikiatrii Ministerstva zdravookhraneniya RSFSR.
(RESERPINE) (ANTIGENS AND ANTIBODIES)

11000000, No. 1.

Kendelava, A. A. "Physical development of the nervous system in the rat," *Doklady Akad. Nauk SSSR*, 1962, No. 1, p. 37-77

SO: -320h, 10 April 1962, (Latvia 'Zhurnal Vyssh. Shkoly, No. 1, 1962)

VOLKOV, A.; BOLOTOV, I.; YEGOROVA, Ye.; MENDELEVICH, A.

Analysis of the merchandise turnover system in the public food service. Obshchestv.pit. no.9:46-47 S '60. (MIRA 13:11)

1. Nachal'nik planovo-finansovogo otdela Upravleniya obshchestvennogo pitaniya g.Leningrada (for Volkov).
 2. Nachal'nik planovogo otdela tresta obshchestvennogo pitaniya, Leningrad (for Bolotov).
 3. Nachal'nik planovogo otdela tresta obshchestvennogo pitaniya, Leningrad (for Yegorova).
 4. Nachal'nik planovogo otdela, tresta obshchestvennogo pitaniya (for Mendelovich).
- (Restaurants, lunchrooms, etc.--Finance)

MENDELEVICH, A.; DUBROVENSKIY, Z.

System of payment after meals. Obshchestv.pit. no.11:38-40 II
'60. (MIRA 14:3)

1. Nachal'nik planovogo otdela tresta stolovykh Leninskogo rayona g.Leningrada. (for Mendelevich).
2. Zamestitel' nachal'nika planovogo otdela Sverdlovskogo mezhrayonnogo tresta stolovykh g.Leningrada (for Dubrovenskiy).
(Leningrad--Restaurants, lunchrooms, etc.)

L 00085-66 EWT(m)/EPF(c)/EWP(v)/T/EWP(t)/EWP(k)/EWP(b)/EWA(c) JD/HM/WB
ACCESSION NR: AP5022341 UR/0149/65/000/003/0127/0130
669.7183

AUTHOR: Chistyakov, Yu. D.; Mendelevich, A. Yu.

TITLE: Mechanism of the disintegration of the oxide film on aluminum during high temperature oxidation

SOURCE: IVUZ. Tsvetnaya metallurgiya no. 3, 1965, 127-130

TOPIC TAGS: aluminum oxide, oxide formation, high temperature oxidation, crystal structure, chemical decomposition

ABSTRACT: Test samples were of polycrystalline AV000 (99.996% pure) aluminum 7x5x25 mm, deformed and annealed (at 630±5C for five hours), and castings cut from an ingot. In addition, monocrystalline samples with dimensions of 8x10x20 mm were cut from zone refined aluminum. After preliminary preparation of the surface, all the samples were annealed at 630±3C for three hours in a vacuum of 10⁻⁵ mm Hg. The surface of the samples was further prepared by electropolishing. After preliminary annealing, all samples were cleansed in a 20% solution of sodium hydroxide and were again electropolished to eliminate the

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L 00085-66

ACCESSION NR: AP5022341

3

oxide film. Oxidation was done in a tubular electric resistance furnace, in an air atmosphere at normal pressure and in an atmosphere of dry oxygen. Oxidation temperatures were 470, 550, 600, and 640 C and oxidation times were 0.5, 1, 4, and 8 hours. Results of oxidation were observed with a MIM-7 metallographic microscope and with an electron microscope. Determination of the crystallographic orientation of the surface of the samples was done by the method of selective etching. The mechanism of the regular disintegration of the oxide film on aluminum is closely bound up with its orientated growth on the surface of the grains of metal. The process of orientated growth starts with the transition of the oxide film from an amorphous to a crystalline state - the gamma oxide, which takes place at the metal-oxide boundary at a temperature above 550C. The moving force of the process of epitaxis is the energy field of the crystal lattice of the metal and the diffusion of hydrogen atoms from the metal into the oxide film, without which the metastable gamma phase of aluminum could not exist. The high corrosion resistance of aluminum cannot be attributed to the close agreement between the structure of the metal and that of the gamma oxide. The high protective properties below 550C are due only to the oxide film which is in an amorphous state. The regular disintegration of the oxide film is the reason

Card 2/3

L 00085-66

ACCESSION NR: AP5022341

for the lowering of the corrosion resistance of welded joints and of objects made of pure aluminum during heat treatment and during the welding process. Orig. art. has: 2 figures 4
16

ASSOCIATION: Moskovskiy institut stali i splavov. Kafedra proizvodstva chistykh metallov i poluprovodnikovyykh materialov (Moscow Institute for Steel and Alloys. Department for Production of Pure Metals and Semiconductor Materials)

44.55
SUBMITTED: 30Jun64

ENCL: 00

SUB CODE: MM, GC

NR REF SOV: 010

OTHER: 012

PK
Card 3/3

RUSETSKIY, I.I., prof., glav. red.; ANDREYEV, M.P., prof., zam.
glav. red.; OMOROKOV, L.I., prof., red.; ANDREYEV, V.P.,
dots., red.; MENDELEVICH, D.M., red.; GRINBERG, S.A.,
red.

[Some problems of neuropathology and psychiatry; materials
of the scientific and practical conference of neuropa-
thologists and psychiatrists of the city of Kazan] Nekoto-
rye voprosy nevropatologii i psikhatrii; materialy nauchno-
prakticheskoi konferentsii nevropatologov i psikhiatrov gor
Kazani. Kazan', Kazanskoe nauchn. ob-vo nevropatologov i
psikhiatrov, 1963. 77 p. (MIRA 16:11)

(NERVOUS SYSTEM--DISEASES) (PSYCHIATRY)

MENDELEVICH, D.M.

Study of the bioelectric activity of the brain in the delirious
form of involuntional psychosis. Nauch. trudy Kaz. gos. med. inst.
14:483-484 '64. (MIRA 18:9)

1. Kafedra psikhiiatrii (zav. - prof. N.I. Andreyev) Kazanskogo
meditsinskogo instituta.

MEDELEVICH, E. A. and SPONOV, A. M.

On Bipolar Ions Formed on Removal of a Proton from the NH-Group, IX. Compounds of the Benzimidazole Series, page 1387, Zhornik statey no obshchay khimii (Collection of Papers on General Chemistry', Vol II, Moscow-Leningrad, 1953, pages 1680-1686.

Laboratory of Organic Chemistry, Moscow Textile Inst

Mendelyevich, F.A.

USSR/ Physical Chemistry - Molecule. Chemical Bond.

B-4

Abs Jour : Referat Zhur - Khimiya, No 3, 1957, 7233

Author : Shigorin, D.N., Shemyakin, M.M., Shchukina, L.A.,
Kolosov, M.N., and Mendelyevich, F.A.

Inst : Academy of Sciences USSR

Title : On the Nature of the Intramolecular Hydrogen Bond

Orig Pub : Dokl. AN SSSR, 1956, Vol 108, No 4, 672-675

Abstract : The IR spectra of molecules with intramolecular hydrogen bonds (IHB) involving different degrees of participation of the π -electrons of the C O group and of the multiple bonds conjugated with it have been investigated. The frequency of the valency vibrations of the O-H groups (the first number in parentheses, in cm^{-1}) and their shift towards longer wavelengths in comparison to the unassociated OH groups (second number in parentheses) as well as the BH energy (Badger and Bauer, J. Chem. Phys., 1937, 5, 839) (third number in parentheses in kcal), the

Card 1/4

- 29 -

USSR/ Physical Chemistry - Molecule. Chemical Bond.

B-4

Abs Jour : Referat Zhur - Khimiya, No 3, 1957, 7233

fractional contribution of π -electron interaction energy to the total BH energy in percent (fourth number in parentheses), and the interatomic O...H distance calculated from standard bond dist. and the bond angles (fifth number in parentheses in A.U.) have been determined for the following compounds: the vapor of the nonomethyl ether of ethylene glycol (I) at 120-122° (3665, 0, 0, 0, -); I in CCl₄ (II), in the ratio 1:400 (3605, 60, 0.96, 0, 1.80); phenol in II, 1:400 ratio (3605, 0, 0, 0, -); guaiacol in II, 1:400 (3530, 55, 0.90, 0, 2.20); oxyoctenol in II, 1:400 (3475, 147, 2.38, 59.7, 1.95); benzoin in II, 1:400 (3468, 147, 2.39, 60.0, 1.95); 2-hydroxy-1, 4-naphthoquinone in II, 1:400, 3398 (187, 3.07, 68.7, 2.25); 2-benzyl-3-hydroxy-1, 4-naphthoquinone in II, 1:600 (3395, 190, 3.11, 69.1, 2.25); 2-(1-naphthyl)-3-hydroxy-1, 4-naphthoquinone in II, 1:600 (3370, 215, 3.52, 72.7, 2.25); 2-methyltropinone in II, 1:400 (3116, 504, 8.19, 88.2,

Card 2/4

- 30 -

USSR/ Physical Chemistry - Molecule. Chemical Bond.

B-4

Abs Jour : Referat Zhur - Khimiya, No 3, 1957, 7233

5,6,7,8-tetrahydroanthracene in II, 1:400 (3425, 195, 3.16, 64.5, 1.63); alizarin vapor at 290° (3150 (x), 470, 7.64, 85.3, 1.65); 1, 8-dihydroxyanthraquinone vapor at 300° (3150, 470, 7.64, 85.3, 1.65); On the basis of the data obtained, the authors conclude that the magnitude of the π -electron interaction energy depends on: (1) The presence of a system of conjugated bonds comprising both the HB group and the rest of the molecule; (2) An even number of terms in that system; (3) The planarity of the HB groups and the other parts of the molecule; and (4) The number and nature of the distribution of π -electrons in the system.

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- 32 -

MENDELEEVICH, F. A.

USSR, 20-5-29/59
Mendeleevich, F.A.,

AUTHORS Shemyakin, M.M., Corresponding Member, AN
Simonov, A.M., Petrinska, V.B.

TITLE The Tautomerism of Arylazotropolones.
(Tautomeriya arilazotropolonov - Russian)

PERIODICAL Doklady Akademii Nauk SSSR, 1957, Vol 115, Nr 3, pp 526-529 (U.S.S.R.)

ABSTRACT It is known that the tropolones which have no substituents in the position 5 easily combine with diazonium salts. Usually arylazotropolones are the products of this reaction to which the here illustrated structure is ascribed. The authors, however, some years ago, found such properties of these compounds as were in contradiction to the formula I. A more careful investigation leads to the conclusion concerning their capacity of tautomeric transformations in the tropochinonhydrazones. This discovered tautomerism is similar to that of the 5-nitro- and 5-nitrosotropolones as well as to that of the aromatic oxyazo compounds. The first results of the investigation of tautomerism are the material of this report. The investigation was carried out with a group of 5-arylazotropolones (IV) which was obtained by the azo-combination of corresponding tropolones (III) with diazo salts. The inclination of these compounds to reaction in the tautomeric model V was discovered in consequence of their capacity of easy interaction with o-phenylenediamine. On this occasion chinoxaline derivatives (VI) are formed which as is known, is not the case with tropolones themselves. On the other hand it turned out that arylazotropolones IV g-IV e very easily (already on the occasion of warming in methanol) separate the carboxyl group which is

Card 1/2

The Tautomerism of Arylazotropolones.

20-3-29/59

in position 3. On this occasion they change into corresponding 5-ary-
lazo-4-carboxymethyl tropolones (VII); this reaction does not take
place in the case of the initial tropolon (IIIg), in the case of the
tautomeric models Vg-Ve, however, absolutely natural, where the se-
parable carboxyl group is in a β -position with respect to one of
the carbonyl groups. Finally it was found that on the occasion of
the transformation of the arylazotropolones IVg-IVe into acids (VII)
and also directly from the latter, slightly neutral compounds (VIII)
are formed as a consequence of closing the heterocycle of the tro-
pochinonhydrazon forms of the arylazotropolones. The knowledge about
the tropochinonhydrazon tautomerism of the arylazotropolones I \rightleftharpoons II
which were obtained by chemical investigation could be confirmed
spectroscopically. The capacity of the arylazotropolones for the a-
bove discussed tautomerism was recently noticed by Nozoe who also
observed the formation of the chinoxalin-derivates with o-phenylen-
diamine. In the experimental part the usual data concerning the pro-
duction methods and the constants of the substances in question are
given. There is 1 table and 1 Slavic reference.

Card 2/2

ASSOCIATION

Institute for Biological and Medical Chemistry of the Academy of
Medical Sciences of the USSR and of the Moscow Textile Institute.
(Institut biologicheskoy i meditsinskoy khimii Akademii meditsins-
kikh nauk SSSR, Moskovskiy tekstil'nyy institut).

SUBMITTED
AVAILABLE

June 17, 1957
Library of Congress

MENDELEVICH, F.A.; SHEMYAKIN, M.M., akademik

Isomerization, hydrolysis, and redox transformations of 3-(4-
4-carbocymethyl-5-p-chlorophenylazotropolene. Dokl. AN SSSR 141
no.6:1380-1383 D '61. (Mirn 19:12)

1. Institut khimii prirodnykh soyedineniy AN SSSR.
(Tropolone) (Azo compounds)

MENDEL, Ferdinand, inz., HOLOUBEK, Otto, inz.; VICIK, Stanislav, inz.

Construction of a bridge from prestressed concrete by the heavy assembly method. Inz stavby 12 no.8:348-352 Ag '64.

1. Dopravni stavby National Enterprise, Olomouc.

MENDELEVICH, G. A.

USSR/ Miscellaneous - Museum organization

Card : 1/1 Pub. 118 - 7/15

Authors : Mendelevich, G. A.

Title : Academician P. P. Lazarev's principles of organization of a historical museum of natural sciences and technics

Periodical : Usp. fiz. nauk 53/1, 137 - 140, May 1954

Abstract : Organizational work by Lazarev for establishing historical museums of natural sciences and technics is discussed. A copy of Lazarev's notes dealing with the proposed work, is included.

Institution : ...

Submitted : ...

МЕНДЕЛЕВИЧ, Г.А.

~~Менделевич, Г.А.~~
An unknown letter of Academician I.P.Pavlov. Klin.med. 33
no.6:88-91 Je '55. (MLRA 8:12)

1. Nauchnyy sotrudnik Instituta estestvoznaniy i tekhniki
Akademii nauk SSSR.
(BIOGRAPHIES,
Pavlov, I.P.)

MENDELEVICH, G.A.

New materials for Academician I.P. Pavlov's biography. *Klin. med.*
33 no.9:94-96 S '55. (MLBA 9:2)

1. Mladshiy nauchnyy sotrudnik Instituta istotii estestvoznaniya i
tekhniki AN SSSR.

(BIOGRAPHIES,
Pavlov, Ivan P.)

MEHDELEVICH, G. (Moskva)

Gorkii and his relation to Soviet medicine; 20th anniversary of
the death of A.M.Gorkii. Klin.med. 34no.6:74-81 Je '56. (MLBA 9:10)
(GORKII, MAKSIM, 1868-1936)

MENDELSEVICH, G.A.; NOVOKSHANOVA, Z.K.

New materials on Fedorov's universal stand for microscopes. Vop.
ist. est. i tekhn. no.3:225-228 '57. (MIRA 11:1)
(Fedorov, Evgraf Stepanovich, 1853-1919)
(Microscope--Attachments)

LENDELEVICH, G.A.

Lenin's conversation with wells on the electrification of Russia.
Elektrichestvo no.11:85-87 N '57. (MIRA 10:10)

1. Institut istorii estestvoznaniya i tekhniki AN SSSR.
(Electrification)

MENDELEVICH, G.A.

AUTHOR: Mendelevich, G.A.

25-2-33/43

TITLE: Gor'kiy on Science (Gor'kiy o nauke)

PERIODICAL: Nauka i Zhizn', 1958, # 2, pp 73-74 (USSR)

ABSTRACT: This is an account of the great interest displayed by Maxim Gor'kiy in science and research, evidenced mainly in his founding of scientific organizations and publications. There are 3 photographs.

AVAILABLE: Library of Congress

Card 1/1

00V/05-58-11-31/44

AUTHOR: Mendelevich, G.A.

TITLE: A Passionate Propagandist of Science (Strastnyy propagandist nauki) On the 100th Anniversary of the Birth of M.M. Filippov (K 100-letiyu so dnya rozhdeniya M.M. Filippova)

PERIODICAL: Nauka i zhizn', 1958, Nr 11, p 72 (USSR)

ABSTRACT: The article is a brief biography of M.M. Filippov. There is 1 sketch.

ASSOCIATION: Institut istorii yestestvoznaniya i tekhniki Akademii nauk SSSR (Institute of Natural Science and Engineering History, USSR Academy of Sciences)

Card 1/1

MENDELEVICH, G.

M. Gor'kii on Lomonosov. Nauka i zhizn' 28 no.11:66-67 N '61.
(MIRA 14:12)

(Lomonosov, Mikhail Vasil'evich, 1711-1765)

MENDELEVICH, G.

Searching for new Lomonosovs. Nauka i zhizn' 29 no.11:90-91
N '62. (MIRA 16:1)
(Siberia--Mathematics--Competitions)

MENDELEVICH, G.A. (Moskva)

A.M. Gor'ki's speech in the pages of the "Priroda." Priroda
54 no.3:110 Mr '65. (MIRA 18:4)

RADOV, A.S., prof. (Volgograd); GEYEVSKAYA, Ye.A. (Moskva); DZENS-LITOVSKIY,
A.I., prof. (Leningrad); SMUGLIY, S.I. (Moskva); MENDELEVICH, G.A.
(Moskva); RABINOVICH, M.D., kand.istorich.nauk (Moskva); MIKHAYLOV,
Yu.P., kand.geograf.nauk (Irkutsk); YARTSEVA, L.Ya. (Moskva)

Books. Priroda 54 no.12:24,75,92,109,110-115 D '65.

(MIRA 18:12)

MENDELEVICH, G. SH., inzhener.

Homogram for calculating electric networks according to voltage
loss. Elek.sta. 27 no.5:59 My '56. (MLRA 9:8)
(Electric networks)

Mendeleevich, G.Sh.

МЕНДЕЛЕВИЧ, Г.Ш., инж.

Calculating electric networks having steel wires. Mekh.i elek.
sots.sel'.khoz.no.6:38-40 '57. (MIRA 10:12)

1. Stalingradskoye otdeleniya Tyazhpromelektroproyekta.
(Electric networks)

MENDELEVICH, G.Sh. (Volgograd); SAMARIN, V.V. (Volgograd)

Graphical method for solving the equations of state of a wire in
a span. Elektrichestvo no.5:76-78 My '65.

(MIRA 18:6)

KUKHARENKO, A.P., inzh.; MEIDNILEVICH, G.Sh., inzh.

Nomograms for determining transformer losses. Mekh.i elek.sots.sel'khoz.
16 no.5:45 ' 58. (MIRA 11:11)

1. Stalingradskoye otdeleniye Tyazhpromelektroproyekta.
(Nomography(Mathematics)) (Electric transformers)

MENDELEVICH, I.A.

Remedial training prostheses of the leg. Ortop., travm. i protez.
26 no.5:81-85 My '65. (MIRA 18:10)

1. Iz Leningradskogo instituta protezirovaniya (dir. -
dovsent M.V. Strukov).

MENDELEVICH, I.I.

"The Explosive Conversion of Methane, Part 1", Khimicheskaya
Pererabotka Neftyanykh Uglvodorodov (Chemical Conversion of Petroleum
Hydrocarbons), Academy of Sciences USSR, Moscow, 1956, pp 133-141

Sum 1434

KOBOZEV, N.I., doktor khim.nauk; KAZARNOVSKIY, Ya.S., kand.khim.nauk;
MENDELEVICH, I.I., kand.tekhn.nauk

Explosive conversion of methane. Part 1. Trudy GIAP no.7:
155-166 '57. (MIRA 12:9)
(Methane) (Oxidation)

MENDELEVICH, I.M.; IVANOV, F.I.; POSTERNYAK, Ye.F., inzh., red.; FREGER, D.P.,
tekhn.red.

[Device for splicing the ends of texropes and flat belts of
rubberized material by means of hot vulcanization] Prispoblenie
dlia srashchivaniia kontsov teksropnykh i ploskikh remnei iz
prorezinnoi tkani metodom goriachei vulkanizatsii. Leningrad,
1955. 4 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy.
Informatsionno-tekhnicheskii listok, no.8(676)) (MIRA 10:12)
(Rope) (Belts and belting)

BASHINSKIY, S.V., otvetstvennyy redaktor; MENDELEVICH, I.P., spets. redaktor;
VORONETSAYA, L.V., tekhnicheskii redaktor

[Norms and estimates in structural installation work] Normy i rastsenki
na stroitel'nye i montazhnye raboty. Izd. 2-oe. Moskva, Gos. izd-vo
stroit. lit-ry. Sec.8.[Reinforced concrete and concrete work] Zhelezo-
betonnye i betonnye raboty. 1945. 67 p. (MLRA 9:7)

1. Russia (1923- U.S.S.R.) Narodnyy komissariat po stroitel'stvu.
(Concrete) (Reinforced concrete)

KASPIN, L.A.; MENDELEVICH, I.R. [deceased]; PERNYATIN, A.Z.; GADASHEVICH, A.M.; BASHINSKIY, S.V., retsenzent; GOBERMAN, M.D., spetsred.; PRESMAN, S., red.; BEREZOVSKIY, N., tekhn.red.

[Production norms, estimates, and specifications for building and assembling operations; general construction] Proizvodstvennye normy, rastsenki i pravila na stroitel'no-montazhnye raboty; obshchestroitel'nye raboty. Izd.3., perer. Kiev, Gos.izd-vo lit-ry po stroit. i arkhit. USSR, 1959. 954 p. (MIRA 12:12)
(Construction industry)

USSR/Diseases of Farm Animals - Diseases Caused by Helminths. R.

Abs Jour : Ref Zhur - Biol., No 6, 1958, 26307

Author : Mendelevich, M.M.

Inst : Kazan' Scientific-Research Veterinary Institute.

Title : Application of Oxygen in Parascarisidosis of Horses.

Orig Pub : Byul. nauchno-techn. inform. Kazansk. n.-i. vet. in-ta,
1957, No 1, 32-33

Abstract : The anti-helminthic effectiveness of oxygen was tested on five horses sick with parascarisidosis. O₂ was administered to two horses in dosages of eight to ten liters, and to three horses in dosages of 20 to 40 liters. It was shown that oxygen is not very effective in dosages of eight to ten liters (with an interval of ten minutes), but in a course of treatment with 30 to 40 liters dosages

Card 1/2

11

Mendelevich, M.M.

KROMYAKOV, A.M. [deceased]; MENDELEVICH, M.M.; GONIN, S.L.

Role of dehelminthization as a factor stimulating immunogenesis in horses producing antitoxic sera; preliminary report. Zhur.mikrobiol. epid. i immun. 28 no.1:110-114 Ja '57. (MLRA 10:3)

1. Iz Kazanskogo nauchno-issledovatel'skogo instituta vaktsin i syvorotok.

(HELMINTH INFECTIONS, therapy,

in horses prod. immune sera, role in immunogenesis (Rus))

(IMMUNE SERUMS,

eff. of ther. of helminth infect. in horses prod.serums on immunogenesis (Rus))

COUNTRY : USSR R
CATEGORY : Diseases of Farm Animals. Diseases Caused
by Helminths
JOURNAL : Veterin., 1989, No. 1, 17
AUTHOR : Mendel'son, A.
INST. : Kazan Scientific Research Veterinary Institute
TITLE : Trial of Fuadin in Microsetariasis of Horses

ABSTRACT : Veter. naučno-tekhn. inform. Kazanck. u.-i. vet.
Inst., 1989, No. 1, 17
SUMMARY : It was demonstrated that fuadin is not a speci-
fic agent in this helminthiasis.

CARD: 1/1

PAVLOVSKIY, V.; OSTAPENKO, K.; MENDELEVICH, M.M.; BATANOV, Yu.P.; ANTONETS,
G.I.; ONIPENKO, N.I.; GORCHAK, G.K.; ANDRIYASH, L.T.; AMELIN, I.;
IGNATOVICH, N.; CHIZHOV, A.; DALMATOV, M.K.; SIKORSKIY, A.N.; KOVA-
LENKO, Ya.R.

Information and brief news. Veterinariia 40 no.9:83-93 S '63.
(MIRA 17:1)

MEDELEVICH, S.G.; OVSIANNIKOVA, A.V.

Modification of the method for determining the bilirubin index.
Lab.delo 6 no.3:28-30 My-Je '60. (MIRA 13:7)

1. Orlovskaya gorodskaya infektsionnaya bol'nitsa (glavnyy
vrach - A.F. Tinyakov). (BILIRUBIN)

MENDELEVICH, S.G. (Orel)

Clinical significance of the fractiona determination of bilirubin
in Botkin's disease. Klin.med. 38 no.8:151-152 Ag '60. (MIRA 13:11)

1. Iz Orlovskoy gorodskoy infektsionnoy bol'nitsy (glavnyy vrach
A.F. Tynyakov)
(HEPATITIS, INFECTIOUS) (BILIRUBIN)

MENDELEVICH, S.G.

Case of Botkin's disease with manifestations of meningitis
during the prejaundice period. Vrach. delo no.5:104-105
My '62. (MIRA 15:6)

1. Orlovskaya gorodskaya infektsionnaya bol'nitsa.
(HEPATITIS, INFECTIOUS)
(MENINGITIS)

1. MENDELEVICH, Ya. A.; RODITI, V. V.
2. USSR (600)
4. Radio - Interference
7. Elimination of radio interferences caused by automobile traffic. Avt. trakt. prom. No. 12, 1952.

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

МЕНДЕЛЕВИЧ, Я.

BOYM, A., inzhener; МЕНДЕЛЕВИЧ, Ya., inzhener.

Intensity of radio noise caused by automobiles. Avt.transp. 35
no.1:36 Ja '57. (MLRA 10:3)

1. Nauchno-issledovatel'skiy institut avtopriborov.
(Radio--Noise)

BOYM, Anstoliy Borisovich,; MENDELEVICH, Yakov Ayzikovich,; SIMONOV,
Lev Antonovich,; SHITOV, B.I., retsenzent,; GOL'DBERG, G.I., red.:
NAKHIMSON, V.A., red. izd-va,; EL'KIND, V.D., tekhn. red.

[Controlling radio interference due to automobiles, motorcycles,
and tractors] Podavlenie radiopomekh, sozdavaemykh avtomobiliami,
mototsiklami i traktorami. Moskva, Gos. nauchno-tekhn. izd-vo
mashinostroit. lit-ry, 1958. 94 p. (MIRA 11:8)
(Radio--Interference)

MENDELEVICH, Ya.A., inzh.

Investigating starters of SMD engines. Trakt.i sel'khoz mash.
30 no.10:13-15 0 '60. (MIRA 13:9)

1. Nauchno-issledovatel'skiy institut Avtopriborov.
(Diesel engines--Starting)

MEDELEYEV, B. G.

Cand. Physicomath Sci.

Dissertation: "Deionization of Rarefied Gas at High Reverse Voltage."

21/2/50

All-Union Order of Lenin Electrical Engineering Inst. imeni
V. I. Lenin

SO Vecheryaya Moskva
Jum 71

USSR/Electronics - Vacuum Tubes

Dec 50

"Electronic and Ionic Instruments for Controlling Current," B. G. Mendeleev, Cand Tech Sci

"Nauka i Zhizn'" No 12 pp 29-33

D. A. Rozhanskiy, Corr Mem, Acad Sci USSR, is credited with developing the idea of the klystron in 1932. N. F. Alekseyev and D. Ye. Mal'yarov suggested the multicavity magnetron in 1939. Present-day magnetrons develop pulse power of 4,000 kw at a wave length of 3 cm. S. A. Vekshinskiy, Corr Mem, Acad Sci USSR, has done important work in the development of new types of cathodes. Shortly

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before World War II, Prof F. A. Kharadzia with V. N. Rakov and K. P. Fetisov developed 1-amp, 200-kv gas-filled rectifiers.

YE
MENDELEV, B. G.
A

222122

MENDELEYEV, B. G.

174T89

USSR/Physics - Mercury Vapor
Electric Fields
Jan 51

"Detonization of Low-Pressure Mercury Vapor in a Strong Electrical Field," B. G. Mendelejev, L. A. Syatoyezerskaya

"Zhur Tekh Fiz" Vol XXI, No 1, pp 18-25

Investigates course of subject detonization for counter voltages up to 9,000 v, from oscillograms of probing currents in mobile anode and probe. Finds counter-voltage is concd only in layer of pos space charge near anode and does

174T89

USSR/Physics - Mercury Vapor
(Contd)
Jan 51

not influence detonization within limits of this layer. Offers possible explanation for results obtained. Submitted 18 Jun 49.

174T89

Accessed
MENDELEYEV, Dmitriy Ivanovich; DOBROTIN, R.B., kand.khim.nauk; KRAVCHENKO,
M.G. [translator]; KUPRIYANOVA, V.R. [translator]; SPORONKIN, A.V.,
prof., otv.red.; ZAYCHIK, N.K., red.izd-va; BLEYKH, E.Yu., tekhn.
red.

[Scientific archives. Solutions] Nauchnyi arkhiv. Rastvory.
Moskva, Izd-vo Akad.nauk SSSR, 1960. 179 p. (MIRA 13:8)
(Solution (Chemistry))

AMBROK, G. S.; MENDELEYEV, D. I.

"Methods for measuring unsteady heat transfer by film-resistance thermometers."

report submitted for 2nd All-Union Conf on Heat & Mass Transfer, Minsk, 4-12
May 1964.

All-Union Sci Res Inst of Metrology.

MENDELEYEV, D.I.; POLOSIN, V.S.

Methods and technique of school chemical experiments in the
"Fundamentals of chemistry" by D.I.Mendeleev. Uch.zap.MGPI
no.225:271-276 '64.

(MIRA 18:12)

111.111.111.

ANDON'YEV, V.L.; BAUM, V.A.; BAUMGARTEN, N.K.; BEREZIN, V.D.; BIRYUKOV, I.K.;
 BIRYUKOV, S.M.; BLOKHIN, S.I.; BOROVOY, G.A.; BULEV, M.Z.; BURAKOV,
 N.A.; VERTSAYZER, B.A.; VOVK, G.M.; VORMAN, B.A.; YOSHCHININ, A.P.;
 GALAKTIONOV, V.D., kand. tekhn. nauk; GERKIN, Ye.M.; GIL'DEMBIAT,
 Ya.D., kand. tekhn. nauk; GINZBURG, M.M.; GLEBOV, P.S.; GODES, E.G.;
 GOHBACHEV, V.N.; GRZHIB, B.V.; GREKULOV, L.F., kand. s.-kh. nauk;
 GRODZHENSKAYA, I.Ya.; DANILOV, A.G.; DMITRIYEV, I.G.; DMITRIYENKO,
 Yu.D.; DOBROKHOTOV, D.D.; DUBININ, L.G.; DUNDUKOV, M.D.; ZHOLIK,
 A.P.; ZENKEVICH, D.K.; ZIMAREV, Ye.V.; ZIMASKOV, S.V.; ZUBRIK, K.M.;
 KARANOV, I.F.; KNYAZEV, S.N.; KOLEGAYEV, N.M.; KOMAREVSKIY, V.T.;
 KOSENKO, V.P.; KOHENISTOV, D.V.; KOSTROV, I.N.; KOTLYARSKIY, D.M.;
 KRIVSKIY, M.N.; KUZNETSOV, A.Ya.; LAGAR'KOV, N.I.; LGALOV, V.G.;
 LIKHACHEV, V.P.; LOGUNOV, P.I.; MATSKEVICH, K.F.; MEL'NICHENKO,
 K.I.; MENDELEVICH, I.R.; MIKHAYLOV, A.V., kand. tekhn. nauk;
 MUSIYEVA, R.N.; NATANSON, A.V.; NIKITIN, M.V.; OVES, I.S.;
 OGUL'NIK, G.R.; OSIPOV, A.D.; OSMER, N.A.; PETROV, V.I.; PERYSHKIN,
 G.A., prof.; P'YANKOVA, Ye.V.; RAPOPORT, Ya.D.; REMZOV, N.P.;
 ROZANOV, M.P., kand. biol. nauk; ROCHEGOV, A.G.; RUBINCHIK, A.M.;
 RYBCHEVSKIY, V.S.; SADCHIKOV, A.V.; SEMENTSOV, V.A.; SIDENKO, P.M.;
 SINYAVSKAYA, V.T.; SITAROVA, M.N.; SOSNOVIKOV, K.S.; STAVITSKIY,
 Ye.A.; STOLYAROV, B.P. [deceased]; SUZILOVSKIY, A.O.; SYRISOVA,
 Ye.D., kand. tekhn. nauk; FILIPPSKIY, V.P.; KHALTURIN, A.D.;
 TSISHLEVSKIY, P.M.; CHERKASOV, M.I.; CHERNYSHEV, A.A.; CHUSOVITIN,
 N.A.; SHESTOPAL, A.O.; SHEKHTER, P.A.; SHISHKO, G.A.; SHCHERBINA,
 I.N.; ENGEL', F.F.; YAKOBSON, A.G.; YAKUBOV, P.A., ARKHANDGEL'SKIY,

(Continued on next card)

ANDON'YEV, V.L.... (continued) Card 2.

Ye.A., retsenzent, red.; AKHUTIN, A.N., retsenzent, red.; BALASHOV, Yu.S., retsenzent, red.; BARABANOV, V.A., retsenzent, red.; BATUSHER, P.D., retsenzent, red.; BORODIN, P.V., kand. tekhn. nauk, retsenzent, red.; VALUTSKIY, I.I., kand. tekhn. nauk, retsenzent, red.; GRIGOR'YEV, V.M., kand. tekhn. nauk, retsenzent, red.; GUBIN, M.F., retsenzent, red.; GUDAYEV, I.M., retsenzent, red.; YERMOLOV, A.I., kand. tekhn. nauk, retsenzent, red.; KARAULOV, B.F., retsenzent, red.; KRITSKIY, S.N., doktor tekhn. nauk, retsenzent, red.; LIKIN, V.V., retsenzent, red.; LUKIN, V.Y., retsenzent, red.; LUSKIN, Z.D., retsenzent, red.; MATIROSOV, A.Kh., retsenzent, red.; MENDELEYEV, D.M., retsenzent, red.; MENKUM', M.F., doktor tekhn. nauk, retsenzent, red.; OBRZHKOV, S.S., retsenzent, red.; PETRASHEN', P.N., retsenzent, red.; POLYAKOV, L.M., retsenzent, red.; RUMYANTSEV, A.M., retsenzent, red.; RYABCHIKOV, Ye.I., retsenzent, red.; SPASENKOV, N.G., retsenzent, red.; TAKANAYEV, P.F., retsenzent, red.; TARANOVSKIY, S.V., prof., doktor tekhn. nauk, retsenzent, red.; TIZDEL', R.R., retsenzent, red.; FEDOROV, Ye.M., retsenzent, red.; SHEVYAKOV, M.N., retsenzent, red.; SHMAKOV, M.I., retsenzent, red.; ZHUK, S.Ya. [deceased], akademik, glavnyy red.; PUSO, G.A., kand. tekhn. nauk, red.; FILIMONOV, N.A., red.; VOLKOV, L.N., red.; GRISHIN, M.M., red.; ZHURIN, V.D., prof., doktor tekhn. nauk, red.; KOSTROV, I.N., red.; LIKHACHEV, V.P., red.; MEDVEDEV, V.M., kand. tekhn. nauk, red.; MIKHAYLOV, A.V., kand. tekhn. nauk, red.; PETROV, G.D., red.; BAZIN, N.V., red.; SOBOLEV, V.P., red.; FERINGER, B.P., red.; FREYGOFER,

(Continued on next card)

ANDON'YEV, V.L.... (continued) Card 3.

Ye.F., red.; TSYPLAKOV, V.D. [deceased], red.; KORABLINOV, P.N.,
tekhn. red.; GENKIN, Ye.M., tekhn. red.; KACHEROVSKIY, N.V., tekhn.
red.

[Volga-Don; technical account of the construction of the V.I. Lenin
Volga-Don Navigation Canal, the TSimlyansk Hydroelectric Center,
and irrigation systems] Volgo-Don; tekhnicheskii otchet o stroitel'-
stve Volgo-Donskogo sudokhodnogo kanala imeni V.I. Lenina, TSim-
lianskogo gidrouzla i orositel'nykh sooruzhenii, 1949-1952; v piati
tomakh. Moskva, Gos. energ. izd-vo. Vol.1. [General structural
descriptions] Obshchee opisanie sooruzhenii. Glav. red. S.IA. Zhuk.
Red. toma M.M. Grishin. 1957. 319 p. Vol.2. [Organization of con-
struction. Specialized operations in hydraulic engineering] Orga-
nizatsiia stroitel'stva. Spetsial'nye gidrotekhnicheskie raboty.
(Continued on next card)

ANDON'YEV, V.L.... (continued) Card 4.

Glav. red. S. IA. Zhuk. Red. toma I.N. Kostrov. 1958. 319 p.

(MIRA 11:9)

1. Russia (1923- U.S.S.R.) Ministerstvo elektrostantsii. Byuro
tekhnicheskogo otcheta o stroitel'stve Volgo-Dona. 2. Chlen-kor-
respondent Akademii nauk SSSR (for Akhutin). 3. Deystvitel'nyy
chlen Akademii stroitel'stva i arkhitektury SSSR (for Grishin,
Razin).

(Volga Don Canal---Hydraulic engineering)

MENTITSKIY, Dmitriy N.

"Experimental study on mathematical models of learning based on conditional probability or entropy of reinforcement computing."

report submitted for 4th Intl Cong, Cybernetics, Namur, Belgium, 21-24 Oct 64.

Hd, Lab of Cybernetics, Dept of Comparative Physiology, Inst of Experimental Medicine, Acad Med Sci, Leningrad.

MENDELEYEV, G.A.

AID P - 1179

Subject : USSR/Electricity
Card 1/1 Pub. 29 - 1/27
Authors : ~~Mendeleyev, G. A.,~~ Eng., and Rukovanov, B. P., Kand.
of Tech. Sci.
Title : Regulation of temperature of superheated steam by
condensate spray
Periodical : Energetik, 12, 1-2, D 1954
Abstract : The authors describe the method which is simple and
economical in operation. One diagram.
Institution : None
Submitted : No date