

IANCONESCU, M.; ADERCA, I.; IFTIMOVICI, M.; MIHAIL, I.R.

The comparative study of the cytopathic effect produced by different viruses in cell cultures. The cytopathic effect of measles virus in epithelial and fibroblastic cell cultures. Stud. cercet. inframicrobiol. 14 no.2:203-211 '63.

1. Comunicare prezentata la Institutul de inframicrobiologie al Academiei R.P.R.

(MEASLES VIRUS) (VIRUS CULTIVATION)
(TISUE CULTURE)

MIHAIL, C., ing.

Acoustic treatment in the toll central offices and rooms containing telegraphic apparatus; absorbent materials utilizable. Telecommunicati
6 no.5:206-209 3-0 '62.

MIHAIL, Colonel, Lt.

MIHAIL, Colonel, Lt.
8 no.3:114-117 8-11-04.

L 33045-66

ACC NR: AF 024229

SOURCE CODE: RU/0005/65/000/003/0077/0080

AUTHOR: Mihail, Cornel--Mikhail, K. (Engineer)

34

ORG: none

B

TITLE: Data transmissions and the use of telegraph and telephone circuits

SOURCE: Telecommunicatii, no. 3, 1965, 77-80

TOPIC TAGS: telegraph network, telephone network, telegraph equipment, telephone equipment, data transmission

ABSTRACT: A review of the fundamental principles of data transmission techniques. The capabilities of the telephone and telegraph networks for such transmission are analyzed, and the corresponding equipment is briefly described. Orig. art. has: 2 figures. [Based on author's Eng. abst.] [JPRS]

SUB CODE: 17 / SUBM DATE: none / OTH REF: 002

Card 1/1-10

UDC: 621.394.9

0915

1880

SECRET

The specific information was obtained from the source.

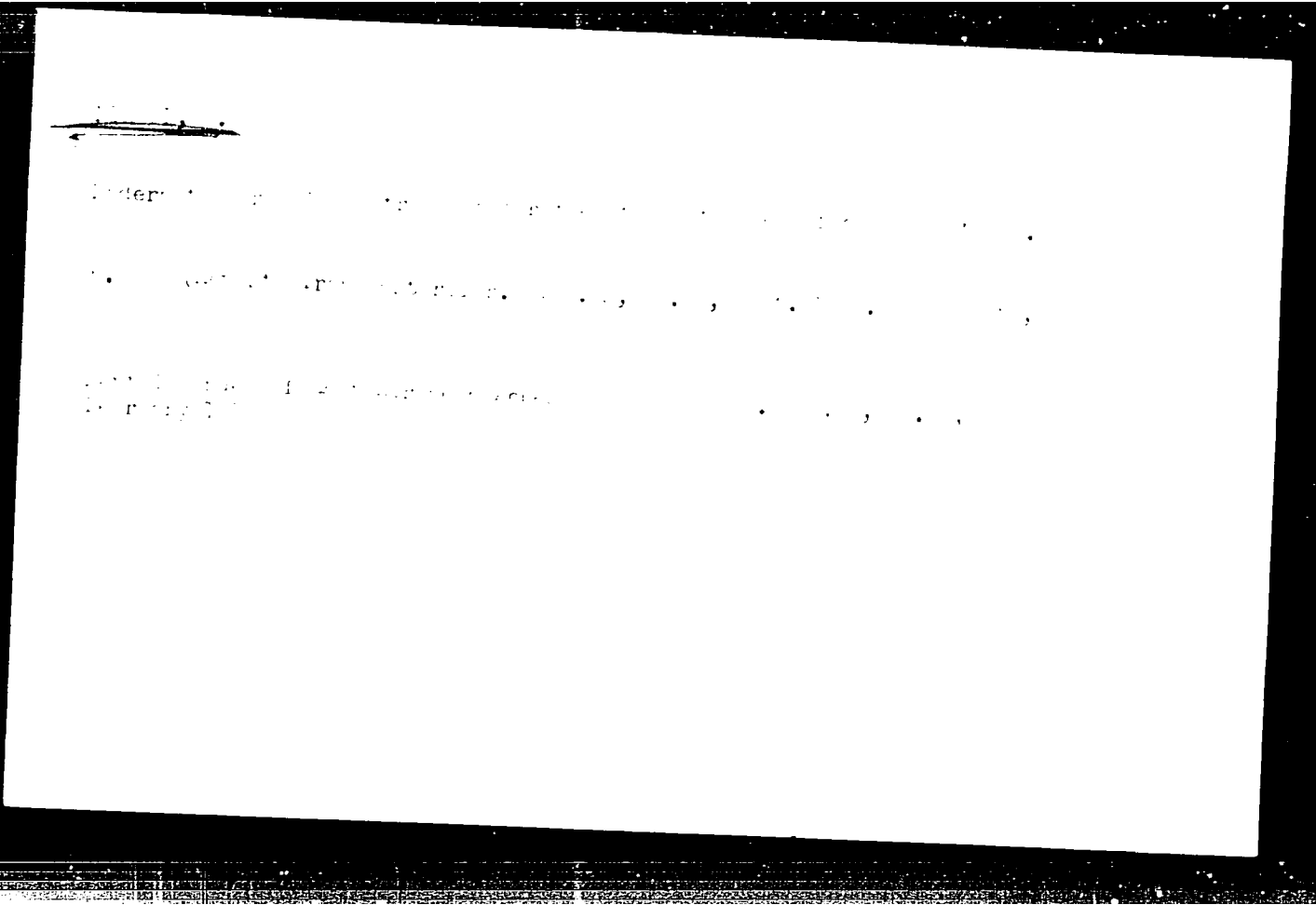
1. All information is strictly confidential and should be handled accordingly.
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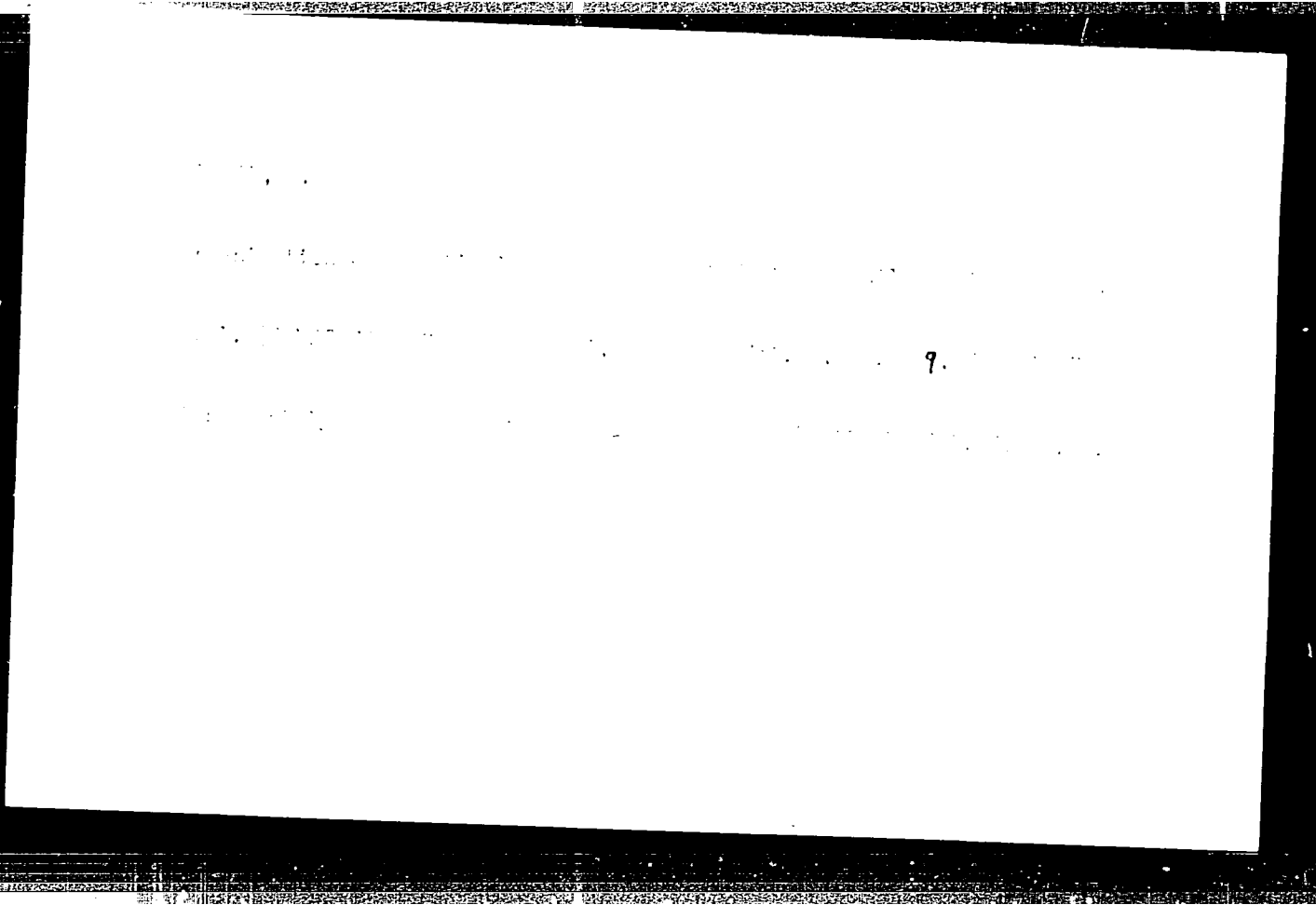
Reference is made to the report dated 1/15/68, p. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 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.

MIHAIL, D.

Modern topographic instruments for leveling. p. 191
(Industria Constructiilor Si A Materialelor De Constructii, No. 2, 1957
Bucuresti, Rumania)

SO: Monthly List of East European Accessions (EEAL) Lc. Vol. 1, No. 8, Aug 1957. Encl.





Summary, Given Notes

Country: Romania

Academic Degrees: Conf. Eng.

Affiliation: State Committee for Constructions, Architecture and Systematization (Comitetul de Stat pentru Construcții, Arhitectură și Sistematizare).

Source: ~~XXXX~~
Source: ucharent, Revista de Geografie și Geografie Rurală și Urbană, no. 1, 1961, pp 7-13.

Data: "Some Problems Concerning the Demographic Plans of populated Centers."

Co-author:

MIU IANCU, Gh., Engineer, State Committee for Constructions, Architecture and Systematization.

100-1000

MIHAIL, D., conf. ing.; URSEA, V., ing.; ATIMARITI, I., assist. ing.

Utilization of the lateral intersection method in populated centers. Rev geodezie 6 no.3:29-48 '62.

MANEA, M., Ing.; MANEA, I., Ing.; MIHAIL, D., Ing.; NICOLAESCU,
G., Ing.

International Symposium of Geodesy, Sofia. Rev geodezie 8
1974, 1975, 1976.

TUDORANU, Gh., prof., dr.; POPA, Gh., Jr.; POPOVICI, Maria, dr.; ROSIN, Angela, dr.; MIHAIL, E., dr.; VACARU, Olimpia, dr.

The concept of leucosarcomatosis. Med. intern. 14 no.10:1153-1159
O '62.

1. Lucrare efectuata in Institutul de medicina Iasi Clinica I
medicala (prof. Gh. Tudoranu).
(LEUCOSARCOMA) (LYMPHOSARCOMA)

POPA, G., dr.; NICULESCU, Marioara, dr.; POPOVICI, Maria, dr.; ROZIN, Angela, dr.;
MIHAIL, E., dr.

Splenic lymph node tuberculosis with myeloproliferative syndrome.
Med. intern. 16 no.1:109-115 Ja'64.

1. Lucrare efectuata in Clinica I medicala, Iasi.

*

HULTAY, Ferenc; MIHALYI, Ferenc

Evolution of ceramic tools on the basis of foreign literature and Hungarian practice. Pt.1. Gépgyártastechnika no.1:5-9 Ap '63.

(MIRA 17:2)

1. Presses Kovacsoltarugyar (for Hultay). 2. Szerszámgepféjlesztő Intézet (for Mihályi).

MIHAIL, GEORGETA.

Distr: 1E2c / 4E2c (3) 7

A new class of complex compounds. Metal ammine tri-
 chloroantimonates(III). O. Soacu and Georgeta Mi-
 hail (Univ. C. I. Parhon, Bucharest, Romania). *Anstet*
 and "C. I. Parhon" *Bucuresti, Ser. stiat. s. J. No. 12, 48-50*
 (1956). The purpose of this work was to establish the proof
 of the presence of the complex anion $B(S_2O_8)_3^{3-}$ in the
 substances $K_3B(S_2O_8)_3$. The K^+ ion was substituted in
 soln. by different ammine complexes of Co. The compn. of
 the complex ppt. was detd. chemically. The following com-
 plex compds. were formed: $[Co(NH_3)_6]B(S_2O_8)_3$ yellow;
 very stable; $[Co(NH_3)_5Cl]B(S_2O_8)_3$ violet, very stable;
 $[Co(NH_3)_4Cl_2]B(S_2O_8)_3$ green, not quite so stable;
 $[Co(NH_3)_3Cl_3]B(S_2O_8)_3$ pink-purple, very stable; $[Co$
 $(NH_3)_2Cl_4]B(S_2O_8)_3$ pink, stable; $[Co en]B(S_2O_8)_3$
 yellow, very stable; $[Co en_2]B(S_2O_8)_3$ green, very
 stable; *cis*- $[Co en_2Cl]B(S_2O_8)_3$ pale green, *trans*-
 $[Co en_2Cl]B(S_2O_8)_3$ violet, stable; $[Co en(SCN)]B(S_2O_8)_3$ red, very stable.

A. Berlin

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MITHAL, GEORGETA.

Distr: 4E2c

27

Microgravimetric determination of thorium. Th. I. Mithal and Georgeta Mithal (Univ. C. I. Parhon, Bucharest, Romania). *Anal. Chim. C. I. Parhon Bucuresti Ser. chim. nat.* No. 12, 51-5 (1956).—Th is pptd. as Th(C₂H₃NS₂)₄ with a soln. of the Na salt of mercaptobenzothiazole. The pptn. is immediate at room temp., and the ppt. is white and cryst. It is filtered immediately and dried 30-60 min. at 110-15°. This method can be used to det. Th in the presence of the salts formed by the alkali and by Mg with strong acids. Free acids must be absent from the Th soln. as they will ppt. the pptg. agent. A. Berlin

RS

Mihail 7-11-57
RUMANIA/Analytical Chemistry - Analysis of Inorganic Substances. E-2

Abs Jour : Ref Zhur - Khimiya, No 8, 1958, 24761

Author : Pirtea, Th.I., Mihail Georgeta

Inst : -

Title : New Micromethod of Gravimetric Determination of Aluminum

Orig Pub : An. Univ. "C.J. Parhon". Ser. stiint. natur., 1957, No 15, 83-86

Abstract : On interaction of Al^{3+} with the Na-salt of mercapto-benzothiazole (I) in neutral or weakly acidic media (pH 6) there is formed a white crystalline precipitate of $Al(C_7H_4NS_2)_3$, which is practically insoluble in water and in excess of the reagent, and which is suitable for a gravimetric determination of Al. To 0.5-5 ml of the solution being analyzed, containing about 0.5 mg/ml of Al, are added 0.5-1 ml of 10-15% solution of I. The mixture is stirred, filtered and washed 2-3 times with 0.5% solution of I, and 2-3 times with water. The precipitate so obtained

Card 1/2

HORTOLOMEI, N. [deceased]; BUSU, I.; MIHAIL, Georgeta

Experimental research on the role of the central nervous system in
the mechanism of cardiovascular disorders during the course of anoxia.
Rev. sci. med. 5 no.3/4:181-185 '60.
(ANOXIA exper.) (CENTRAL NERVOUS SYSTEM physiol.)
(CARDIOVASCULAR DISEASES exper.)

NICOLAU, I.; GOLDIS, Gh.; MIHAIL, Georgeta.

The study of blood magnesium in convulsive syndromes in infants.
Arch. roum. path. exp. microbiol. 22 no.4:1017-1022 S-D'63

1. Travail de l'Hopital Clinique de Fundeni - Bucarest.

MIHAIL, I.

The effect of stressed concrete on the breaking moment of curved parts from slightly reinforced concrete. p. 78.
(Industria Constructiilor Si a Materialelor De Constructii, No. 2, 1957
bucuresti, Rumania)

SU: Monthly List of East European Acquisitions (EMAL) Lc. Vol. 4, No. 8, Aug 1957, Uncl.

MIHAI, I.

Composit prestressed slabs for roofing heated industrial halls. p. 375.
(INDUSTRIAL CONSTRUCTION SI A MATERIALELORE SI CONSTRUCTII. No. 7, 1957, Rumania)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 2, No. 12, Dec. 1957
Uncl.

MIHAIL, Ion; SANDU, S., correspondent

The progress is still too slow. Constr Buc 15 no.726:3 7 D '63.

1. Directorul sucursalei regionale Suceava a Bancii de investitii
(for Mihail).

SECRET, I.

Only the following are to be disseminated to the public.

• Director of the Central Intelligence Agency
• Chief of the Central Intelligence Agency
• Director of the Central Intelligence Agency
• Chief of the Central Intelligence Agency

MIHAIL, M., ing.

Pressure measuring in the rolling trains of the spinning machines
F.I. Ind text Run 12 no.11:448-449 N '61.

Mircea M.

~~Country: Rumania~~

Academic Degree: Engineer

Affiliation: General Directorate of Photogrammetry and of the Territory's Organization of the Ministry of Agriculture (Directia Generala Geotopografica si a Organizarii Teritoriului, Ministerul Agriculturii).

Source: Bucharest, Revista de Geografia si Organizarea Teritoriului, No 2, 1951, pp 3-5.

Data: "On the Necessity and the Content of the Technical Project during the Approval of Geotopographic Works."

Co-author:

Mircea M., Engineer, General Directorate of Geotopography and of the Territory's Organization of the Ministry of Agriculture.

070 00103

MIHAIL, M.

TECHNOLOGY

Periodicals: STUDII SI CERETARI DE ENERGETICA. Vol. 8, no. 1, 1958

MAHAIL, M.; BLUM, L.; BOLCHI, F. Determining the indexes of gasification of some agricultural waste products. I. Gasification of rice hulls. p. 57

Monthly List of East European Acessions (EEAI) LC, Vol. 8, No. 2,
February 1959, Unclass.

BLIUM, I. [Blum, I.]; BOLKI, Fr. [Bolchi, Fr.]; ~~MIKHAIL, M.~~ [Mihail, M.]

Dephenolization of waste water in the coal-chemical industry; study on the dephenolization of waste water from the establishments for the gasification of brown coals. Rev electrotechn energet 5 no.2:471-482 '60. (EEAI 10:5)

1. Comite de redaction, Revue d'electrotechnique et d'energetique (for Blum)

(Water) (Coal) (Lignite) (Phenols)

ANTONIU, R.; MIHAIL, M.; VAICUM, L.; MURGOCI, C.; CUTE, E.; HINCU, S.; BUSNITA, Th.; TALAU, V.; ARDELEANU, I.; RUSU-PANDELESCU, M.; PARASCHIVESCU, A.

Studies on the possibility of improving the sanitary conditions of the lakes surroundin Bucharest. Studii prot epur apelor 5:263-332 '64.

BLUM, I.; MIHAIL, M.; BERCOVICI, B.; BOLCHI, Fr.; BADARAN, Al.

Some considerations on pressure gasification of Rumanian lignites.
Studii cerc enarget 11 no.2:303-323 '61.

1. Membru al Comitetului de redactie "Studii si cercetari de energetica" (for Blum) 2. Membru corespondent al Academiei R.P.R. si membru al Comitetului de redactie "Studii si cercetari de energetica" (for Bercovici).

MIHAIL, M.; POPESCU, V.

Studies on the purification of residual waters from
coal gasification. Studii prot epur apelor 4:219-243
'63.

MIHAIL, N.

On what our researchers will work in 1956. p. 2

CONSTRUCTORUL, Bucuresti, Vol 8, No. 326, Apr. 1956

SO: East European Accessions List (EPAL) Library of Congress, Vol 5, No. 7, July, 1956

MIHAIL, N.

RUMANIA/Chemical Technology. Chemical Products and Their I-8
Application. Ceramics. Glass. Binders. Concrete.

Abs Jour : Ref Zhur-Khimiya, No 2, 1958, 5422.

Author : Mihail N.

Inst : Not Given

Title : Silicate-Lime Materials in Building.

Orig Pub : Ind. constructiilor si mater. constr., 1957,
No 2, 114-121.

Abstract : A review of the work carried out in Rumania on
production technology of silicate-lime materi-
als. Consideration is given to questions con-
cerning selection of raw materials, effect of
the content of SiO_2 and clay in the sand, gra-
nulometric composition of the sand, nature and

Card : 1/2

MIHAIL N.

ROMANIA / Chemical Technology. Chemical Products H-17d
and Their Application. Ceramics. Glazes.
Painting Materials. Concrete. Building
Materials. Concrete and Other Building
Building Materials.

Abs Jour: Ref Zhur Khimiy, No 23, 1978, 2381.

Author : Mihail, Nicolae.
Inst : Bucharest Polytechnical Institute.
Title : Effect of Clayey Additions on Properties of
Cement Mixes and Concretes.

Orig Pub: Bul. Inst. Politehn. Bucuresti, 1978, 19, No 1-2,
135-140.

Abstract: It is pointed out that the effect of clayey ad-
ditions on the properties of concretes and mixes
depends on the nature of dispersion of clay. If
the amount of the clayey addition is small the

Card 1/2

YENIA, M.; ANDREAS, .

Gypsum elements for partition walls. . . 1st .

REZUMATUL CERCETARILOR LA MATERIALE DE CONSTRUCII. As. Jurnala Stiintifice
- Inginerilor si Tehnicienilor din Romania si Ministerul Construcțiilor si al
Materialelor de Construcții București, Romania. Vol. 11, no. 6, Apr. 1974.

Monthly list of East European Accessions (EPA). 11/74, no. . . Aug. 1974

Vol.

MIHAIL, N.

MIHAIL, N. Manufacture of piston rings. p. 333.

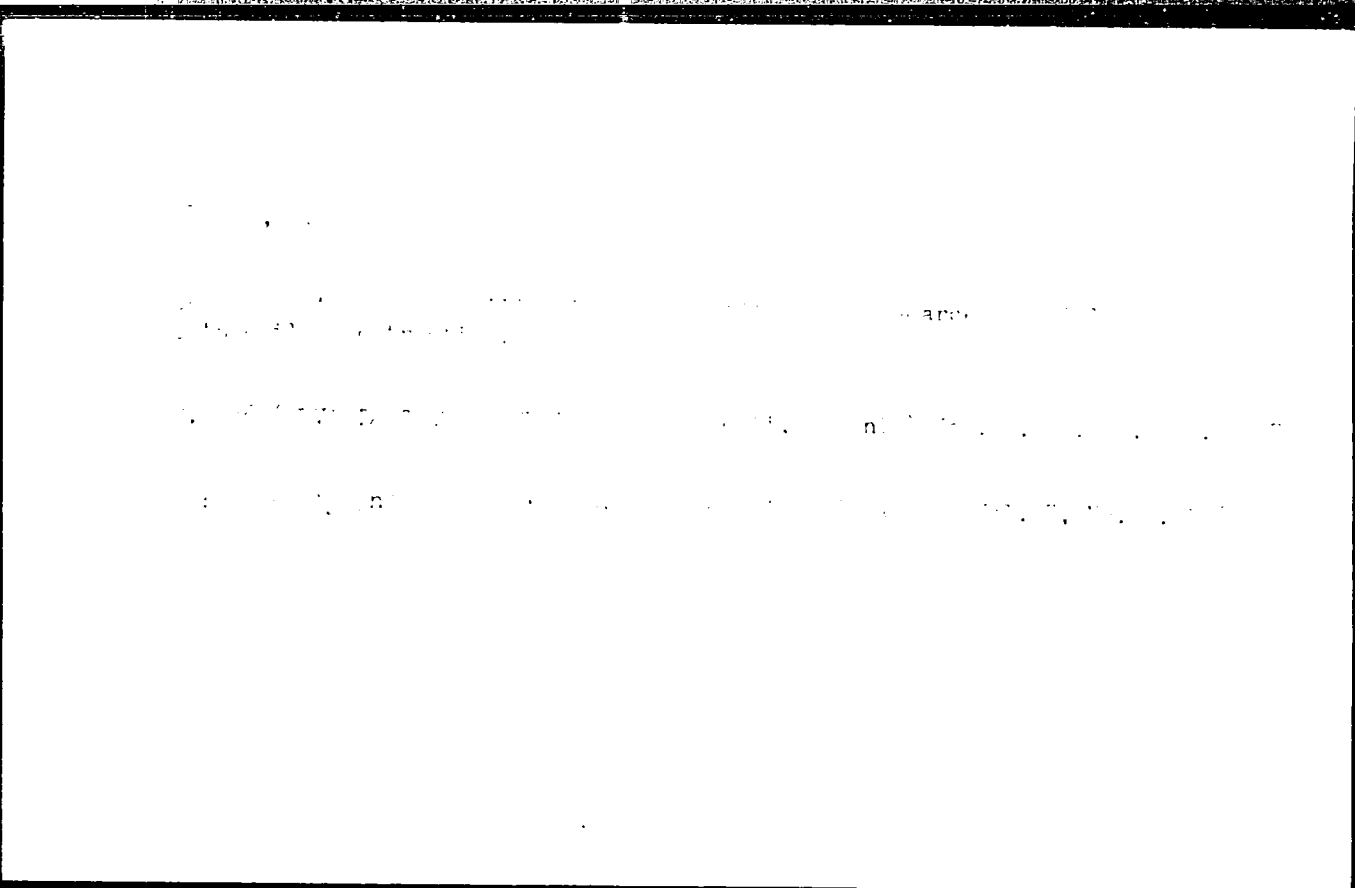
Vol. 3, no. 9, Sept. 1956

REVISTA TRANSPORTURILOR

TECHNOLOGY

Bucuresti, Rumania

So: East European Accession, Vol. 7, no. 3, March 1957



SECRET, S.

For the reduction of the number of members of the Politburo in a few days.

SECRET, S. (TOP SECRET) - As of the Constitution of the Republic of Romania in the Ministry of Internal Affairs, National Archives, Bucharest, Romania. Vol. 6, no. 6, May 1968.

Monthly List of East European Associations (IAI) IC. Vol. 8, no. 1, Sept. 1968.

Encl.

MIHAIL, N.

Ten years since the proclamation of the Chinese People's Republic. p. 491.

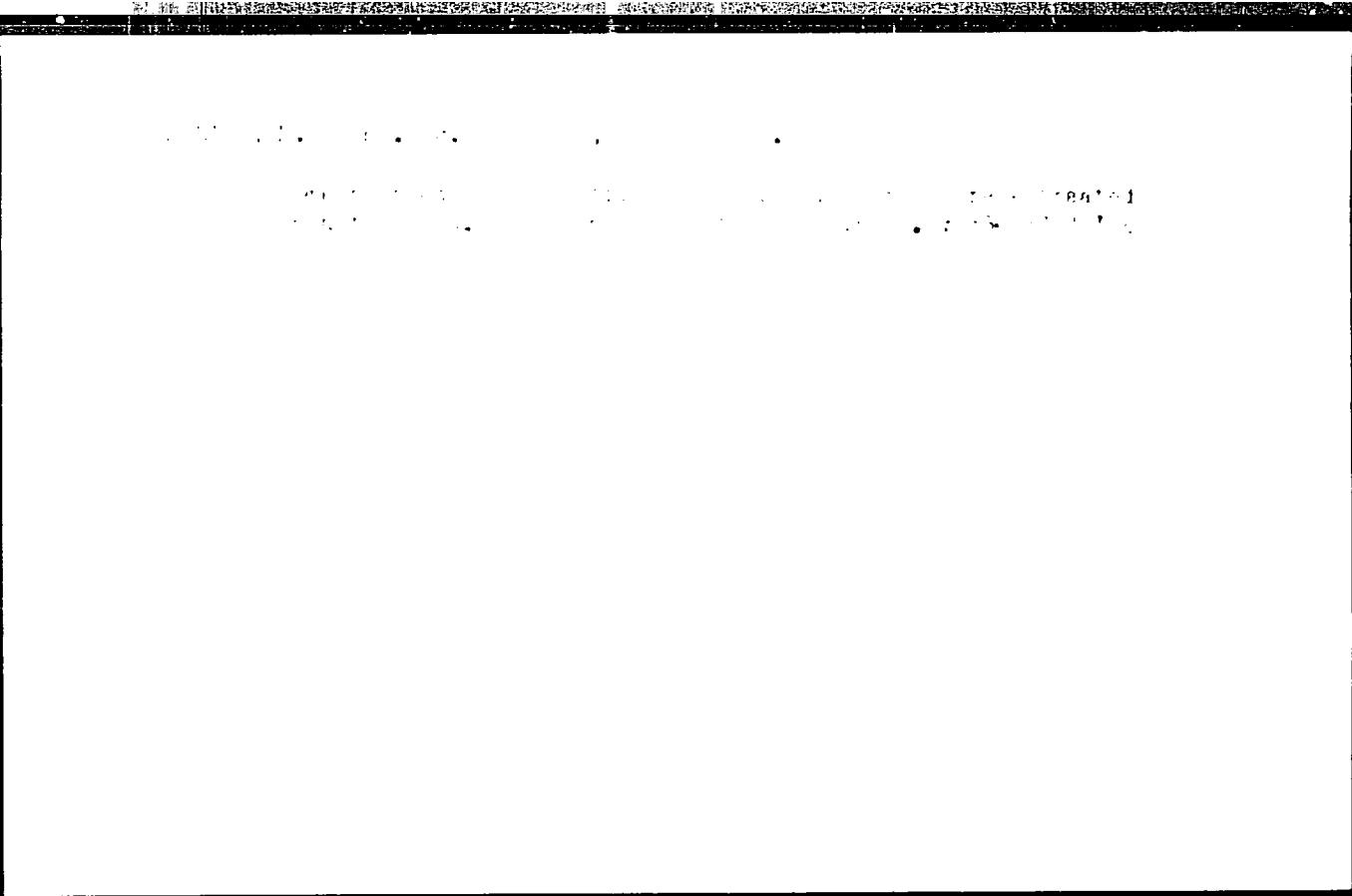
REVISTA TRANSPORTURILOR. (Asociatia Stiintifica a Inginerilor si Tehnicienilor din Romina si Ministerul Transporturilor Rutier, Navale si Aeriene) Bucuresti, Rumania. Vol. 6, no. 11, Nov. 1959.

Monthly list of East European Accessions (FAI) LC Vol. 9, no. 2, Feb. 1960

Uncl.

1. The

2. The



MIHAIL, R.

MIHAIL, R. The May 1 Brick Plant leads in Bukov. p. 3. Products of our industry at the International Sample Fair in Flovidiv. p. 3. Vol. 7, no. 296, Sept. 1955. CONSTRUCTORUL. Bucuresti, Rumania.

SOURCE: East European Accessions List, (ERAL) LC, Vol. 5, no. 6, June 1956

MIHAIL, R.

Synthesis of hydrocyanic acid from methane and ammonia in the presence of a fluidized catalyst.

P. 360 (Chemický Průmysl. Vol. 7, no. 7, July 1957, Praha, Czechoslovakia)

Monthly Index of East European Acquisitions (FEAI) LC. Vol. 7, no. 2,
February 1958

RUMANIA/Chemical Technology. Chemical Products and Their
Application. Synthetic Polymers. Plastics.

H

Abs Jour: Ref Zhur-Khim., No 13, 1958, 45080.

Author : Stoenescu Felicia, Mihail Raul.

Inst :

Title : Epoxy Resins.

Orig Pub: Rev. chim., 1957, 8, No 4, 278-283.

Abstract: It is shown that the synthesis of dihydroxy-di-phenylpropane (I) from phenol (II) and acetone, in the presence of H_2SO_4 , is promoted by addition of a small amount (0.02 to 0.10%) thioglycolic acid, which increases substantially the velocity of the reaction and the yield of I (by 10-15%). As a result of investigations of

Card : 1/2

MIHAIL, R., ARCAN, M., STOENESCU, F.

Studies regarding the introduction of Dinox F 110, a new material for models in the field of photoelasticity. p. 1133

Academia Republicii Populare Romine. Institutul de Mecanica Aplicata. STUDII SI CERCETARI DE MECANICA APLICATA. Bucuresti, Rumania. Vol. 8, No. 4, 1957

Monthly List of East European Accessions (EEAI) LC, VOL. 8, No. 8, Aug. 1959
Uncl.

MIHAIL, R., AND OTHERS

The polymerization of ethylene at normal pressure with alkyl-aluminum derivatives.

P. 399 (REVISTA DE CHIMIE) (Bucuresti, Rumania) Vol. 8, No. 6 June 1957

SO: Monthly Index of East European Accessions (EEAI) LC Vol. 7, No. 5. 1958

Country : GDR H-5
S. No. :
Pub. No. : 19202
Author : Mikhal, K.
Editor : K. I. Giver
Title : Kataliticheskiy reaktor na yodide izobutana, amonii, i glikole
Publ. Info : Zhurn. Khim. i Tekhn. Nauk, 1978, 1, 10, 10-11
Abstract : The catalytic activity, mechanism, and kinetics of the catalytic reaction of the reaction of acetylene with ethylene over a catalyst apparatus (reactor) with a catalyst of iodine iodide. The bibliography lists 2 titles.
G. Galinovic

~~SECRET~~

In order to improve the [unclear] [unclear] [unclear] [unclear] [unclear] [unclear].

[unclear] (Contractor 1. [unclear] [unclear] [unclear] [unclear] [unclear] [unclear])

Mont. Index [unclear] [unclear] [unclear] [unclear] [unclear] [unclear]
February 1977

RUMANIA / High Molecular Chemistry.

1

Abs Jour: Ref Zhur-Khimiya, 1959, No 4, 14113.

Author : Mihail, R.; Bittman, S.; Corlateanu, P.

Inst : Not given.

Title : Polymerization of Ethylene by means of Aluminum-alkyls. Characteristic Factors.

Orig Pub: Studii si cercetari chim., 1958, 6, No 1, 37-50.

Abstract: Methods for the regulation of the gram-molecular weight of polyethylene obtained by means of systems of $TiCl_4$ -aluminumalkyls (AA) were tested. [AA equals $Al(C_2H_5)_3$; $Al(C_2H_5)_2Cl$; $1/2AlC_2H_5Cl_2$.] It was found that the internal viscosity of the polymer decreases with the increase of the relative quantity of $TiCl_4$ (in the area of surplus of AA), and with an increase in the temperature of polymer-

Card 1/2

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Distr: LE2c(j)

7

✓ Transesterification of dimethyl tartrate with ethylene glycol. R. Mihail, R. Istratiev, Al. Lupu, and E. Georgescu. *Acad. rep. populare Romania, Studii Cercetari chim.* 5, 161-83 (1958).—The rate of the title reaction was dependent on the temp. and on the nature and concn. of the catalysts. The optimum reaction proceeded at 200°, catalyzed by metallic oxides and salts of Zn, Cd, Co, Ni, Na, and U in the concn. range of 0.14-0.28%. From the calcn. of the rate const. *k*, the reaction order is suggested as being fractional and the transesterification as a sum of simple processes. J. Small

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gaf

MILAN, R.

Distr: 4E34/4E20(j) 7

Titanous chloride as an isomerization catalyst. R. Mihail (Inst. Chem. Forschung, Bucharest, Romania), *AN/RO Chem.* 10, 343(1958).—The relative activity of 3 metal chloride catalysts in the isomerization of cyclohexane (I) to methylcyclopentane was studied. No isomerization occurred with anhydrous I and a catalyst when the molar ratio was 5:1. When H₂O was added to make the molar ratio 40:1, the % isomerization at equil. was 26.7 for AlCl₃, 25.3 for TiCl₄, and 12.0 for TiCl₃. Claire Bluestein

5
2 May
2

Jh Jg

RUM/3-59-10-11/16

15(8)

AUTHORS: Mihail, R.; Corlăteanu, P.; Chicos, I. and
Ionescu, Al.Gh.

TITLE: The Polymerization of Ethylene With Metallic
Oxides Without a Solvent

PERIODICAL: Revista de Chimie, 1959, Vol 10, Nr 10, pp 593-596

ABSTRACT: Experiments on the polymerization of ethylene were conducted at ICECHIM at a pressure of 35 atmospheres and a temperature of 100-150°C, using as catalyst a chrome oxide supported by silicon aluminum. Figure 5 shows the schematic flow chart for polymerization of ethylene when a solvent is used. When a solvent is not used, the following installations are not necessary: A storage tank for storing the solvent; a pump for introducing the solvent in the reactor; and an installation for the recuperation of the solvent containing an evaporator, a condensation system, a cooling device, a storage tank, and a tower and pump for

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RUM/3-59-10-11/16

The Polymerization of Ethylene With Metallic Oxides Without
a Solvent

the solvent. The idea of replacing the solvent by oxide catalysts was the result of systematic experiments. The procedure in which polymerization of ethylene uses oxide catalysts instead of a solvent has advantages based on a new reaction mechanism. The elimination of some raw materials and a simplified technological scheme are the main advantages of the new procedure. This procedure also makes it possible to obtain new types of polymers in the future. There are 2 graphs, 2 diagrams and 1 flow chart.

Card 2/2

RUM/3-59-10-13/16

15(8)

AUTHORS: Mihail, P.^R; Istrăţoiu, R.; Topciu, R. and Petrescu, Gh.

TITLE: Direct Polymerization of Propylene¹ From the C₃ Fraction

PERIODICAL: Revista de Chimie, 1959, Vol 10, Nr 10, pp 602-606

ABSTRACT: Rumania has rich reserves of propylene whereas its aromatics are limited; it was, therefore, natural to try to obtain polystyrene on the basis of an aliphatic product. When the problem arose, Rumania lacked a separation installation for concentrated propylene, needed in polymerization. A solution was found by obtaining polypropylene directly from the C₃ fraction which abounds in Rumanian refineries. Since in the near future important quantities of polypropylene will have to be produced, it was decided to test the procedures in a semi-industrial installation to evaluate the results technically and economically. Pertinent literature indicates the use of a

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RUM/3-59-10-13/16

Direct Polymerization of Propylene From the C₃ Fraction

monomer with high gas concentration (more than 95%), the polymerization being effected in a hydrocarbon solvent (pentane, hexane, etc.). The author enumerates the various advantages and disadvantages of the procedure. Experiments in the laboratory were at first conducted by using a synthetic C₃ fraction whereas presently, the process is being carried out with the C₃ fraction from refineries. The specific problems of the new procedure are: Desulfurization and purification of the C₃ fraction to make it capable of polymerization; the polymerization of propylene contained in the C₃ fraction without using another solvent; the use of residual gases remaining after polymerization; and the establishing of a technological scheme for designing a semi-industrial installation. In the laboratory, the mixture was achieved in an V2A autoclave with an anchor-type agitator, the separation being achieved by distending the

Card 2/3

RUM/3-59-10-13/16

Direct Polymerization of Propylene From the C₃ Fraction

gases; in the semi-industrial installation special mixers will be used, the two phases will be separated in separators while the desulfurized C₃ fraction after drying is sent to the polymerization installation. Figure 1 shows the semi-industrial installation. Parameters characteristic of the new system are: the conversion as a function of the concentration and the nature of the catalyst; the molecular weight as a function of the molar ratio catalyst/cocatalyst; the conversion as a function of the temperature of the reaction; conversion as a function of the time of the reaction; and the importance of agitation. Figure 8 suggests a design for the industrial installation based on the results obtained in the laboratory. There are 2 flow charts, 1 diagram, 5 graphs and 2 tables.

Card 3/3

MIHAIL, R.

7

/ The polymerization of ethylene with oxide catalysts in the absence of solvent. R. Mihail, I. Chicos, and P. Corlăteanu (*Forschungsjahrb. Chem., Bucharest, Romania*), *Angew. Chem.* 71, 125-6 (1959); cf. *Rev. chim. (Bucharest)* 9, 430 (1958).—Since the polymerization of C_2H_4 with oxide catalysts increases markedly with the mol. wt. of the hydrocarbon solvent and also with the partial pressure of C_2H_4 , liquid polyethylene should be an ideal solvent except for subsequent sepn. difficulties. A 300 cc. rotating autoclave was charged with 100 g. of polyethylene (Lupolen H, mol. wt. 22,000) and 5 g. of CrO_3 catalyst, supported on $SiO_2-Al_2O_3$ and activated with $LiAlH_4$, and heated to 140° . C_2H_4 was introduced for 2 hrs. at 40 atm. On cooling, the product (125 g.) was a semicylindrical block, separable into a catalyst zone, a Lupolen H zone, and the zone of the polyethylene reaction product (mol. wt. 30,000).

A. J. Stinson

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4 & 2c (j)
5

S/081/62/000/019/040/053
B101/B180

AUTHORS: Mihail, Raul, Lupu, Alexandru, Descălu, Ludmila
TITLE: Method of polymerizing and copolymerizing alpha cyano-acryl derivatives

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 19, 1962, 543, abstract 19P290 (Rumanian patent 41326, October 10, 1960)

TEXT: A method is suggested for producing easily processed homogeneous products by polymerizing α -methyl, α -ethyl, or α -butyl cyano-acryl derivatives in aqueous or alcoholic emulsion, with or without initiators, and also by copolymerizing these derivatives with polymerizable monomers of the acrylonitrile, styrene, vinyl acetate, methyl methacrylate, etc. type. Example: 360 g distilled water, 1 g sulfonated fatty alcohol (emulsifier), and 3 ml 30 % H_2O_2 (initiator) are poured into the reaction vessel. The mixture is heated to $65^\circ C$ for 1 hr, stirring all the time. Another 3 ml H_2O_2 and 25 g monomer (α -methyl, α -ethyl, or α -butyl cyano acrylate) are then gradually stirred in, and the reaction continues at $65^\circ C$ for 3 hrs. The polymer is obtained as a white precipitate which is filtered off in Card 1/2

Method of polymerizing and ...

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vacuo, washed with CH_3OH , and dried. The yield is 96 %. The polymer obtained is easy to roll or mold. A second advantage of this method is the possibility of obtaining high-molecular polymers. [Abstracter's note: Complete translation.]

Card 2/2

PHASE 2 BOOK REFINANCING 507/1985

International symposium on macromolecular chemistry. Moscow, 1960.
Neskorodovskiy s'ezhdov po makromolekulyarnoy khimii, SSSR, Moskva, 14-16 Iyunya 1960 g. doklady i referaty. Sbornik II. (International Symposium on Macromolecular Chemistry Held in Moscow, June 14-16; Papers and Summaries) Section II. [Moscow, Izd-vo AN SSSR, 1960] 559 p. 5,500 copies printed.
Sponsoring Agency: The International Union of Pure and Applied Chemistry, Commission on Macromolecular Chemistry

Tech. Ed.: P.A. Prusakov.

FURBER: This book is intended for chemists interested in polymerization reactions and the synthesis of high-molecular compounds.

COVERAGE: This is Section II of a multivolume work containing papers on macromolecular chemistry. The papers in this volume treat mainly the kinetics of various polymerization reactions initiated by different catalysts or induced by radiation. Among the research techniques discussed are electron paramagnetic resonance spectroscopy and light-scattering interpolation. There are summaries in English, French and Russian. No personalities are mentioned. References follow each article.

Mikhail, B., and J. Harnozisk (Russia). On the Mechanism of the Formation Reaction of Stereoregular Polymers	302
Simon, A., and O. Urbans (Germany). On the Kinetics of a Reaction on Ziegler Catalysts	310
Vicentini, G., M. Marchi, and I. Triestini (Czechoslovakia). Kinetics of the Polymerization of Isobutylene on a Heterogeneous Catalyst	322
Bobik, I. (Czechoslovakia). Heterogeneous Catalysts for the Polymerization of Alkyne Olefins	330
Veselý, E., I. Ahrndt, R. Viliš, and O. Šmilík (Czechoslovakia). The Effect of Various Types of Ligands on the Polymerization of Propylene Catalyzed by the System Titanium Trichloride-Triethylaluminum	337
Polymovskiy, B.A. (USSR). Study of the Factors Leading to the Degradation of Chain Structure During the Ionic Polymerization of Dienes	346
Terushchinskii, B.M., M.M. Ponomarev, and A.P. Ivanovskiy (USSR). Study of the Interaction of Organomagnesium Compounds with Salts of Heavy Metals and the Use of Organomagnesium Compounds and Their Complexes to Stimulate Polymerization	355
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Abiko, A.R., A.P. Shchegolev, M.F. Yablonskiy, and L.P. Melnikova (USSR). On Carbonium and Carbanion Polymerization Mechanisms Under the Effects of Gamma Radiation	410
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Veselý, E. (Czechoslovakia). On the Mechanism of Ionic Polymerization	262
Mikhail, B., and A. Matka (Czechoslovakia). On the Role of Bipolar Compounds in the Cationic Polymerization of Isobutylene	274

31 45

MIHAIL, R.

Contributions to the study of the synthesis of hydrocyanic acid and
the mechanism of reaction. Analele chimie 15 no.1:115-135 Ja/Mr '60.
(EEAI 9:8)

(Hydrocyanic acid)

U/04/02/00/011/003/004
BR29/2100

AUTHORS: Mihail, A., Koclan, S., Gergel, F., and Stănescu, M.

TITLE: Modification of polyvinyl chloride by compounding with chlorinated polyethylene. II. Compounding of polyvinyl chloride with chlorinated polyethylene. Mechanical physical properties of the compounds.

PERIODICAL: Plaste und Kautschuk, v. 9, no. 11, 1962, 530 - 531

TEXT: PVC was compounded with chlorinated polyethylene (CPE) by first plasticizing PVC for 5 min by rolling, after which the CPE was applied to the mixing cylinder and both polymers were rolled for another 5 min. This procedure produces an homogenous mixture with higher physical-mechanical properties than if both polymers were applied simultaneously. CPE containing 35 - 45 % chlorine is most suitable for obtaining a highly impact-resistant PVC compound. CPE containing 40 - 45 % chlorine is to be preferred if a high transparency of the compound is desired. The authors state theories on PVC compounding, which are based on Western publications. Conclusions: Compounded PVC is easier to be processed than hard PVC. It flows better even at a temperature which is 10-15°C lower than that used for processing hard PVC. PVC/CPE compounds can be used in all cases where

Card 1/2

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29/01/69

Modification of polyvinyl chloride

hard-PVC shows poor strength results, especially at low temperatures. Examples: Pressure pipes in the open air or in unheated rooms, transparent roofs, balcony railings, Jerry cans for fuel or lubricants. The 35-50% CPV compounds are suitable, on account of their elasticity and electric properties, for the insulation of cables and conductors. They have a higher resistance against oils, gasoline, and solvents than PVC with conventional plasticizers. They remain elastic since they are free from volatile and wandering components. The higher cost of production of such compounds is balanced by the better quality and the improved possibilities of application. There are 3 figures and 4 tables.



ASSOCIATION: *Recherchingsinstitut fur Chemie* (Research Institute for Chemistry), Bucharest (Romania)

SUBMITTED: November 16, 1969

Card 2/2

ACCESSION NR: AP6044190

R/0003/64/015/007/0381/0385

AUTHOR: Anastasiu, St.; Iordanescu, Ruxandra; Mihail, R.; Istratoiu, Rodica

TITLE: A new procedure for the purification of high-molecular-weight polyolefins by means of surface active agents

SOURCE: Revista de Chimie, v. 15, no. 7, 1964, 381-385

TOPIC TAGS: polyolefin synthesis, polypropylene, polyolefin purification, polymerization catalyst, catalyst removal, surfactant, polymer washing, peptization

ABSTRACT: The polyolefins obtained by polymerization with organometallic catalysts mixed with salts of the transition elements retain catalyst residues, bound either chemically at the end of the polymer chain or physically, in the interior of the polymer particles. In this paper, the authors describe an advantageous and original procedure, developed in Rumania, for the purification of polypropylene from its polymerization catalyst [Ti Cl₃ and Cl(C₂H₅)₂Al]. The procedure is based on washing the polymer with aqueous solutions of ionic surface active agents, in the presence of non-polar solvents. The latter are used to dilute the salts of the ionic surface active agents formed by ion-exchange with the salts of polyvalent metals originating from the catalyst. The following theoretical premises are taken

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ACCESSION NR: AP4044190

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into consideration: A). The use of a surface active agent is required for washing the polymer with water. At a convenient dilution, the agent is adsorbed at the interface, thus conferring hydrophilic properties on the surfaces of the polymer by decreasing the interfacial tension at the flotation level between the washing solution and the polymer. B). Through the orientation of the surface active agents toward the interface, an electrostatic repulsion between the polymer granules is obtained, thus impairing their association into large aggregates. C). The impurities originating from the catalyst form solid particles of $TiO_2 \cdot x H_2O$, $Al(OH)_3$, etc. which are insoluble in water, but hydrophilic, and their elimination can only be achieved by forming a colloidal solution, through peptization. Consequently, the surfactant used must possess good peptization properties. D). The precipitates originating from the hydrolysis of the catalysts are easily kept in aqueous colloidal suspension at a alkaline pH. Consequently, only anionic or non-ionic surfactants may be used, the cationic agents being active only at an acid pH. E). Double decomposition reactions may take place between the anionic surface active agents and the salts of the catalysts (Ti, Al, etc.), salts of Ca and Mg (constituents of hard water), or salts of Fe, Mn, Cu (originating from the

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ACCESSION NR: AP4044190

manufacturing installation). The compounds formed are soluble in non-polar or weakly-polar solvents, and the washing must be carried-out in their presence. The actual washing procedure is carried-out in an apparatus consisting of a glass autoclave of 2 liters capacity, equipped with a thermostatic sleeve, drain faucet, and impeller-type agitator which can be set for a velocity of 0-2000 R.P.M. The surface active agents used may be either anionic such as sodium dodecyl benzenesulfonate, sulfated alcohol C₁₂, "Marseilles" type soap with a content of 60% saponifiable substance, detergent from thermal-cracking (Dero type), or a synergistic mixture of alkylarylsulfonates with sulfated secondary alcohols, or non-ionic such as C₁₂ alcohol condensed with 10 moles of ethylene oxide, or octylphenol condensed with 10 moles of ethylene oxide. The non-polar solvent chosen was the same gasoline used as a polymerization medium. The general results obtained with type I washings (without gasoline) were independent of the surface active agent used (anionic or non-ionic), the degree of purity reached being approximately of the same order (0.10-0.15% polymer ash). In the washings of type II (with gasoline), the level of purity reached with the anionic agents (0.01-0.05%) was considerably higher than that obtained with non-ionic agents (0.10-0.13%). Other detailed results are extensively tabulated. The authors conclude that the experimental data have verified the theoretical premises, showing the existence of an ionic exchange when ionic agents

Card 3/6

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ACCESSION NR: AP4044190

are used in the washing process. It is also shown that the process results in a higher degree of purity (0.01-0.05% ash), and that the operation is relatively cheap. Orig. art. has: 6 figures and 1 table.

ASSOCIATION: None.

SUBMITTED: 00

ENCL: 00

SUB CODE: OC, MI

NO REF SOV: 000

OTHER: 021

MR
Card 5/6

MIHAIL, S.

"Protection of Lenses of Glasses for Autogeneous Welding and of Mirrors of the Electric Welding Mask." p. 24, Bucuresti, Vol. 2, no. 12, Dec. 1951

SO: East European Accessions List, Vol. 3, No. 9, September 1954, Lib. of Congress

AEG. JOUR. REF ZHUR BIOLOGIYA, NO. 4, 1959. No. 15575
 AUTHOR : Lape, I.; Mikhail, St.; Sobie, P.; Immut, N.
 INST. :

ORIG. REF. : 1959. BIOLOGIYA, NO. 4, 1959.

REF ID:

REF ID:

172

1977, 1.

agreement with the organization.

REPORT OF THE DIRECTOR. (Approved for release in accordance with Executive Order 12958, 1995.)
Bureau of the Director
Vol. 3, no. 4, March 1977.

Monthly list of Eastern European Agents and their activities, 1977.
Cover for 1977.
incl.

IATAN, Nicolai, ing.; LANDES, V., ing.; ILINA, I., ing.; CIOCIRLIE, S., ing.;
MITROFAN, A.; POPA, M., ing.; MIHAILA, Gh.; POPA, Septimiu, ing.;
PASARE, P.; STENSCHI, C., ing.

Considerations on the quality of the equipment used for casting steel
ingots in Rumania. Metalurgia constr mas 14 no.11:976-983 N '62.

1. Institutul de cercetari metalurgice (for Iatan, Landes, Ilin).
2. Uzina "Victoria" Calan (for Ciocirlie, Mitrofan).
3. Intreprinderea metalurgia Aiud (for Popa, M., Mihaila).
4. Combinatul siderurgic Hunedoara (for Popa, Septimiu; Pasare).
5. Combinatul siderurgic Resita (for Stenschi).

ABABI, V.; MIHAILA, Gh.

Study of the acrylic acid-ester-organic solvent system. Studia
Univ B-B S. Chem 8 no.1:449-461 '63

1. "Al. I. Cuza" University, Iasi

ABABI, V.; POPA, A.; MIRAILA, Gh.

Reciprocal solubility and some properties of the stratification field in the ternary system of allylic alcohol-water-organic solvent. Anal St Jassy I no.1:71-84, 1964.

1. Laboratory of Organic Chemical Technology, "Al. I. Cuza" University, Iasi. Submitted October 26-27, 1963.

ABABI, V.; POPA, A.; MIHAILA, D.

Behavior of the coordinating derivatives in some binary systems. Anal. Chim. Acta no. 8:191-198 '64.

MIHAILA, I., and others

Methodologic contributions to the study of some problems of rationalizing work in the ready-made clothing industry. (To be conti.) p. 175.

INDUSTRIA TEXTEILA

Vol. 7, no. 4, Apr. 1956

Rumania

Source: EAST EUROPEAN LISTS Vol. 5, no. 1. Oct. 1956

Handwritten text, possibly a name or title, located at the top left of the page.

BARKHAD, B., kand.med.nauk, dotsent [Barhad, B.]; PILAT, L.; BERDAN, K.;
PREDA, N.; MIKHAIL, I. [Mihaila, I.]; LILLIS, R.; ELIAS, R.;
GARTNER, A. [Hartner, A.]; GRUDINA, K. [Grudina, K.]; VAYDA, I.;
IONESCU, K. [Ionescu, K.]

Working conditions and health of salt mine workers. Gig. i san.
24 no.12:24-30 D '59. (MIRA 13:4)

1. Iz Instituta gigiyeny i obshchestvennogo zdorov'ya Rumynskoy
Narodnoy Respubliki, Bukharest.
(MINING)

MIHELITZ, R

Country : U.S.S.R.
 Category : Parasitology.
 Subj. :
 Year : 1977-1978, 1979, 1980
 Author : Miru, L.; Sorokin, A.; Grigorenko, S.; Kuznetsov, S.
 Institut. : Russian Acad. of Sciences, Biol. Sci. Div.
 Title : Studies on the Effect of Temperature on the Development of *Plasmodium*.
 Orig. Pub. : Zh. Obshch. Biol. Ser. Zool. Part. 1977, 1978, 1979, 1980.
 Abstract : The effect of temperature on the development of *Plasmodium* is investigated and the results are discussed.

Card: 1/1

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MIHAILA, Ieronim

Galactic rotation of the subsystem of planetary nebulae. Studii
astron seismol 5 no.2:295-300 '61. (EEAI 10:9)

(Milky Way) (Nebulae)

GONTEA, Iancu; SUTESCU, P.; MIHAILA, I.; STEUERMAN, J.

Effect of carbonated water containing salt on the functional reactions of the body during work in high temperature. Probl. ter., Bucur. 2:133-153 1955.

1. Facultatea de igiena si Institut de igiena, Bucuresti.

(HEAT, effects

on funct. reactions of body during work or exercise, eff. of carbonated water containing salt)

(SODIUM CHLORIDE, eff.

on funct. reactions of body during work in high temperature, with carbonated water)

(WATER

carbonated water containing salt, eff. on funct. reactions of body during work in high temperature)

(DEHYDRATION

prev. with carbonated water containing salt, in workers in high temperature)

RUMANIA/Human and Animal Physiology - Physiology of Work and Sport.

T-12

Abs Jour : Ref Zhur - Bibl., No 7, 1958, 32299

Author : Mihaila, I., Berdan, C., Pafnote, M., Gralina, C.

Inst : -

Title : Energy Metabolism in Miners.

Orig Pub : Comun. Acad. RPR., 1955, 5, No 10, 1551-1556.

Abstract : No abstract.

Card 1/1

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EXERCITIA MEDICA Sec 19 Vol 3/3 Rehabilitation Mar 60

341 **Some aspects of the overtaxation of the organism during industrial labour** Quelques aspects de la supersollicitation de l'organisme pendant le travail industriel. MIHAIA L., ELIAS R. and BERDAN C. Inst. d'Hyg. du Travail et Mal. Prof., Bucarest. *Arch. Mal. prof.* 1958, 19, 4: 373-382. Graphs 6. Tables 2. Illus. 1

A physiological and experimental study is presented of the causes of over-exertion as well as of its prevention. Study of the energy consumption during a definite working period showed its value to be increased under conditions of maladaptation or uncomfortable posture on the part of the subject. The authors recorded the components of motoric acts on the actogram, and demonstrated the presence of an identical, stereotyped cerebral activity in subjects performing the same action. Their conclusions, which can only be supported with reservation, are in opposition to pauses during work since these tend to disturb the stereotyped pattern, and favour automatic movement, which gains a better economy of energy. They advocate verbal instruction in preparation for work, the practice of gymnastics during leisure periods, and in certain instances a shortening of the daily schedule.

Silhol - Marsailles

MIHAILA, I.

ELIAS, S.

MA 1/2

10.

MIHAILA, I. (1914-1984) was a member of the Communist Party of the United States of America (CPUSA) and was active in the CPUSA in the 1940s and 1950s. He was a member of the CPUSA in the New York City area and was active in the CPUSA in the 1940s and 1950s.

MIHAILA, I. (1914-1984) was a member of the Communist Party of the United States of America (CPUSA) and was active in the CPUSA in the 1940s and 1950s. He was a member of the CPUSA in the New York City area and was active in the CPUSA in the 1940s and 1950s.

MIHAILA, I. V.

GRADINA.

RUMANIA

GAVRILESCU, N., Conf; PAFACIE, Maria, Dr; VAIDA, Iulia, Dr;
MIHAILA, I., Dr; LUCIAN, C., Chem; RUSU, I., Dr.

Institute of Hygiene and Protection of Labor and
State Inspection for Hygiene and Protection of
Labor, Tirgoviste (Institutul de igiena si pro-
tectia muncii si inspectia de Stat pentru igiena
si protectia muncii, Tirgoviste) - (for all)

Bucharest, IGIENA, No 5, 1963, pp 407-418

"Microclimatic Factors and Stress of the Thermo-
regulatory Function in Workers in a Thermo-elec-
tric Power Plant"

(6)

RUMANIA

BARRAD, B., Dr; GRADINA, C., Dr; MIHAILA, I., Dr; DECULESCU, F., Dr;
MARINESCU, V., Ing; CRISTESCU, Iulia, Dr; MICLESCU, S., Dr.

Institute of Hygiene and Protection of Labor in Bucharest, and SMS [Sindicatul Muncitorilor Sanitari; Union of Health Workers] 23 August Plants (Institutul de igiena si protectia muncii din Bucuresti si SMS Uzinele "23 August") - (for all)

Bucharest, Istiana, No 5, 1963, pp 419-426

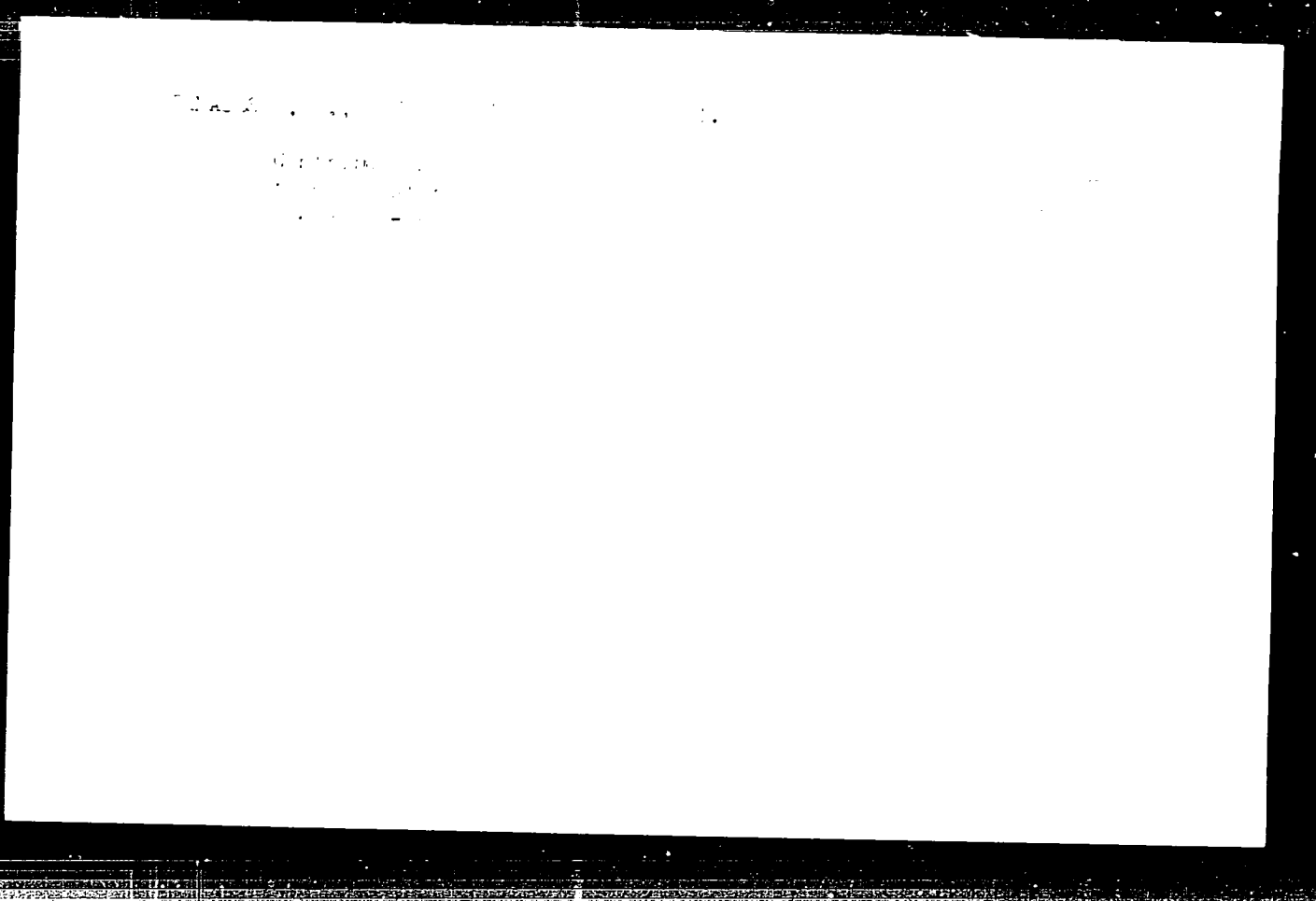
//

"Studies of the Effect of Noise and Vibrations on the Body in Industry"

(7)

[Faint, mostly illegible typed text, possibly a memorandum or report. The text is too light to transcribe accurately.]

(5)



MIHAILA, L.

Studies on the effect of raised temperature upon the coefficient
of useful work. p. 441. ACADEMIA REPUBLICII POPULARE ROMANE
Rumania Vol 5, No. 2, Feb. 1955.

SOURCE: WEAL, Vol 5, No. 11, August 1956.

MEHARA, L, and others

Studies on energ. metabolism in mining coal. P. 1552

Vol. 5, no 6, June 1955

SOURCE: East European Accessions List, (EEAL), Library of Congress

Vol. 5, no. 12, December 1955

MIHAILA, L., AND OTHERS

Studies on energy metabolism in mining coal. p. 1552. Academia
Republicii Populare Romine. COMUNICARILE. Bucuresti. Vol. 5,
no. 10, Oct. 1955.

SOURCE: East European Accessions List (EEAL) Library of Congress,
Vol. 5, no. 9, Sept. 1955

MIHAILA, M., ing.; STANCIULESCU, P., ing.

From the activity of invention, innovation, and rationalization
in Rumania, in the field of ground measurements. Rev geodezie 6
no.3:3-17 '62.

1. Serviciul de coordonare al activitatii de masuratori terestre
din Consiliul Superior al Agriculturii. .

MIHAILA, M., ing.

Exchange of experience organized by D.G.G.O.T. Rev geodezie 6
no.3:72-73 '62.

МИШАТА, .,

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