

ANDREYEV, V.

RAICHEV, R.; ANDREYEV, V.

Malignant tumors of the hard palate. Stomatologia no.1:27-33 '54.
(REAL 3:7)

1. Iz Republikanskiia nauchno-izsledovatel'ski onkologichen
institut. Direktor: prof. G.Tenchov.
(PALATE, neoplasms,)
*

ANDREYEV VI.
RAICHEV, R.; ANDREEV, VI.

Gingival cancer and its therapy. Stomatologia, Sofia no.4:225-232 1954.

1. Iz nauchno-issledovatel'skii onkologichen institut (Dir. :
prof. G.Tenchov)
(GINGIVA, neoplasms,
ther.)

ANDREEV, V. L.

RAICHEV, R.; ANDREEV, VI.

Erythema nodosum in a patient with cancer of the cervix uteri.
Suvrem. med., Sofia 5 no.4:86-88 1954.

1. Iz Republikanskia nauchno-izsledovatselski onkologichen institut
(direktor: prof. G.Tenchov)
(CERVIX, UTERINE, neoplasms,
with erythema nodosum)
(ERYTHEMA NODOSUM, complications,
cancer of uterine cervix)

ANDREEV, VL.

RAICHEV, R.; ANDREEV, VL.

Case of giant chondroma of the costal cartilage with clinical malignant course. Suvrem. med., Sofia 5 no.6:94-96 1954.

1. Iz Republikanskia nauchno-issledovatelski onkologichen institut (direktor: prof. G.Tenchov)

(CHONDROMA,

costal cartilage, giant)

(RIBS, neoplasms,

chondroma, giant)

ANDREYEV, VI.
KRUSTEV, B.; ANDREEV, VI.; KIROV, St.

Treatment of cancer of the lower lip. Khirurgiia, Sofia 7 no.7:
413-426 1954.

1. Republikanski nauchno-izsledovatel'ski onkologichen institut.
Direktor: prof. G.Tenchov.
(LIPS, neoplasms,
surg.)

ANDREEV, V.

Problem of cutaneous sensitivity in cancer of internal organs. Suvrem. med., Sofia 6 no.9:28-34 1955.

1. Iz Nauchnoizsledovatel'skii onkologichen institut (direktor: prof. G.Tenchov)

(SKIN, in various diseases,
cancer of internal organs, sensitivity changes (Bul))

(NEOPLASMS,
internal organs, skin sensitivity changes in (Bul))

ANDREEV, VI.

RAICHEV, R.; ANDREEV, VI.

Juvenile melanomas. Suvrem.med., Sofia 6 no.9:102-106 1955.

1. Iz nauchnoizsledovateliski onkologichen institut Sofia
(direktor: prof. G.Tenchov)
(MELANOMA, in infant and child (Bul))

RAICHEV, R.; ANDREEV, VI.; NIKOLOVA, B.

Malignant osteoclastoma of the skin. Dermatovenereologia Sofia 3 no.1:
35-38 '64.

1. Scientific Research Oncologic Institute, Sofia (Director:
Prof. N. Anchev), and Scientific Research Dermatovenereologic
Institute, Sofia (Director: Prof. P. Khristov).

ANDREEV, Vladimir, doktor

The most frequent occupational dermatoses in Bulgaria; data of the dermatological ward of the industrial hospital in Sofia, 1 January, 1947- 1 January 1951. Izv.med.inst.Sofia 11-12:537-564 1955.

1. Institut za klinichna i obshchestvena meditsina (dir.-akad. Tsvetan Kristanov) pri BAN
(SKIN, diseases,
occup.statist. in Bulgaria)
(OCCUPATIONAL DISEASES,
skin,statist. in Bulgaria)

ANDREEV, Vl.

MIKHAILOV, Ves., prof.; ANDREEV, Vl.

Xeroderma pigmentosum in adults. Sovrem. med., Sofia 8 no.2:98-103
1957.

1. Iz Nauchnoissledovatel'skii onkologichen institut -- Sofiia.
(XERODERMA PIGMENT SUM, case reports,
(Bul))

MIKHAILOV, V., Prof.; ANDREEV, Vl.

Case of erythroplasia of the glans with special reference to the etiology of erythroplasia. Suvrem. med., Sofia 8 no.4:72-78 1957.

1. Iz Nauchnoizsledovatel'skii onkologichen institut - Sofia (Direktor: prof. V. Mikhailov).

(ERYTHROPLASIA, case reports,
glans penis (Bul))

(PENIS, diseases,
erythroplasia of glans (Bul))

ANDREEV, VL

MIKHAYLOV, Veselin, professor; ANDREEV, Vl.

Etiology of erythroplasia of the penis. Urologia, 22 no.1:57-59
Ja-F '57 (MLRA 10:5)

1. Iz nauchno-issledovatel'skogo onkologicheskogo instituta v Sofii
(direktor-professor Veselin Mikhaylov)
(ERYTHROPLASIA, etiol. and pathogen.
penis, etiol. & ther.)
(PENIS, dis.
erythroplasia, etiol. & ther.)

TENCHOV, G.; ANDRUKOV, VL.

Treatment of leukoplakia in the oral cavity with contact x-ray therapy.
Suvren. med., Sofia 9 no.2:42-48 Feb 58.

1. Iz Nauchnoizsledovatel'skii onkologichen institut; Sofia (Direktor:
prof. G. Tenchov).

(LEUKOPLAKIA, ther.

mouth, contact x-ray ther. (Bul))

(RADIOTHERAPY, in various dis.

contact x-ray ther. in leukoplakia of mouth (Bul))

EXCERPTA MEDICA Sec 11 Vol 12/5 O.R.L. May 59

1026. CARCINOMA OF THE AURICLE OF THE EAR. SOME PROBLEMS CONNECTED WITH ITS TREATMENT (Bulgarian text) - Andreev V. Sci. Res. Oncol. Inst., Sofia - SAVR, MED. 1958, 9/4 (34-41) Tables 3 Illus. 1

The author discusses the therapeutic results in 41 patients with carcinoma of the auricle, subjected to radiation only. Full recovery for a period lasting more than 3 yrs. was obtained in 35 patients. The radiological reaction was weakest in the patients subjected to treatment with radioactive cobalt. Not a single case with necrosis of the cartilage or with perichondritis was recorded. It is the author's opinion that the effect of radiation therapy in the treatment of cancer of the auricle is equal to the effect of electrocoagulation. (X1, 5, 16)

RAICHEV, R., Dot.; ANDREEV, V., Dot., kand. med. nauki

Pseudo-epitheliomatous diseases. Suvrem. med., Sofia 9 no.8:52-58 1958.

1. Iz Nauchnoizsledovatel'skii onkologichen institut (Direktor: prof. Ves. Mikhailov).

(CARCINOMA, differ. diag.

spindle-cell carcinoma from pseudo-epitheliomatous dis. (Bul))

ANDREEV, Y., k. med. n.; STRATEV, I.

Cutaneous cancer with osseous metastases. Suvrem. med., Sofia 9 no.8:
106-109 1958.

1. Iz Nauchnoizsledovatel'skii onkologichen institut (Direktor: prof. Ves.
Mikhailov).

(SPINE, neoplasms,
carcinoma, spindle cell, metastatic from skin (Bul))

(SKIN NEOPLASMS, case reports
carcinoma, spindle cell, metastatic to spine (Bul))

EXCERPTA MEDICA Sec 16 Vol 7/2 Cancer Feb 59

65B. *Cancer of the skin with metastases to the bones* Cancer de la peau avec métastases osseuses. ANDREEV VL. and STRATEV H. Inst. Oncol. Sci., Sofia Bull. Soc. franç. Derm. Syph. 1958, 64:5 (711-714)

Report of a case of squamous-cell cancer of the hairy scalp with metastases in the spine. One of the metastatic foci had an osteolytic aspect on the X-ray, the other showed osteoplasia. The possibility of a co-existing prostatic carcinoma was rejected.

RAICHEV, R., dots.; ANDREEV, Vl., kand. na med. nauki

Cutaneous metastases in malignant tumors of visceral organs. Izv. inst.
klin. obsht. med. 4:347-363 '60.

(SKIN NEOPLASMS)

ANDREEV, VI, K.M.I.; LAZAROV, R.; PENCHEV, P.

Radioactive phosphorus in the differential diagnosis of pigmented neoplasms of the skin. Suvrem. med., Sofia 11 no.2-3:137-145 '60.

1. Iz Nauchnoizsledovatel'skii Onkologichen Institut, Direktor: prof. Ves. Mdkhailov.

(PHOSPHORUS radioactive)

(SKIN NEOPLASMS diag.)

(MELANOMA diag.)

(NEVUS PIGMENTED diag.)

ANDREEV, Vl., k.m.n.

On the problem of so-called "cryptogenic forms" of cancer. *Sovrem med.*, Sofia no.9:41-48 '60.

1. Iz Nauchno-izsledovatel'skii onkologicheskii institut (Direktor prof. Ves. Mikhailov)
(NEOPLASMS pathol.)

RAICHEV, R., dots.; ANDREEV, Vl.

On the problem of trauma and metastatic spreading with report of a case. Khirurgiia, Sofia 13 no.12:1045-1047 '60.

1. Nauchno-izsledovatel'ski onkologichen institut, Sofia. Direktor:
prof. Ves. Mikhailov.
(MELANOMA eticl)

ANDREEV, Vl.

Treatment of neglected forms of skin cancer. Suvrem med., Sofia
no.4/5:105-110 '61.

1. Iz Nauchnoizsledovatel'skii onkologichen institut. (Direktor:
prof. Ves. Mikhailov.)

(SKIN NEOPLASMS ther)

TENCHOV, G.[deceased]; RAICHEV, R.; KRUSTEV, B.; ANDREEV, Vl.

Lymphangiosarcoma developing in lymphedema after mastectomy
(Stewart-Treves syndrome). Khirurgiia (Sofia) 16 no.3:231-237
'63.

1. Institut za spetsialisatsiia i usuvursnenstvuvane na
lekarite - Sofia Katedra po rentgenologija i radiologija
Zav. katedrata prof. G. Tenchov[deceased]. Nauchno-izsledo-
vatelski onkologichen institut Direktor: prof. V. Mikhailov.
(LYMPHANGIOSARCOMA) (LYMPHEDEMA)
(MASTECTOMY)

PAPAZOV, Br.; ANDREEV, Zh.

Abortion as a cause of sterility. Khirurgia, Sofia 9 no.4:
306-311 1955.

1. Visssh meditsinski inst. V. Chervenkov--Sofia katedra po
akusherstvo i ginekologija. Vr. zav. katedrata: prof. G. Toshev.
(ABORTION, complications,
sterility (Bul))
(STERILITY, FEMALE, etiology and pathogenesis,
abortion (Bul))

G. OGIENKA, na; ANTONOVA, El.; et al., na.

Characteristics of the sterility of hybrid L. esculentum Mill. and
L. birsutum Nutt. et Burp. Izv. Vsesoyuzn. Lab. genet. 1:9-24, 1963.

DIMITROVA, L.; ANDREEVA, K.; MIREVA, S.

Characterization of the waste water from dry distillation of
beechwood at the Gorkhim State Industrial Enterprise, Rilski
Manastir. Khim i industriia 35 no.4:127-130 '63.

DIMITROVA, L.; ANDREEVA, K.

Purification of the waste water from dry distillation in the
Gorkhim State Industrial Enterprise, Rilski Manastir. Godishnik
Inst khim prom 2:57-63 '63.

DIMITROVA, Liliانا, khimik; ANDREEVA, Katia, inzh. khimik

Purification of waste water from the Kostenets State
Chemical Factory. Khidrotekh i melior 8 no.9:284 '63.

DIMITROVA, Liliانا, khimik; ANDREEVA, Katia, inzh. khimik

Waste water from the production of synthetic azo dyes at the
Kestenets State Chemical Factory, and its influence on the
Ochushnitsa and Maritsa Rivers. Khidrotekh i melior 8 no.4:
120-121 '63.

ACC NR: AP7000704

(N)

SOURCE CODE: BU/0011/66/019/019/0925/0928

AUTHOR: Raitscheva, S.; Andreeva, L.

ORG: Institute of Physical Chemistry, Bulgarian Academy of Sciences (Institut für physikalische Chemie Bulgarische Akademie der Wissenschaften); Department of Physical Chemistry and Electrochemistry, Technical Institute of Chemical Technology (Lehrstuhl für physikalische Chemie und Elektrochemie Technische Hochschule für chemische Technologie)

TITLE: The behavior of liquid gallium as an anode

SOURCE: Bulgarska akademiya na naukite. Doklady, v. 19, no. 10, 1966, 925-928

TOPIC TAGS: gallium, electronic component, gallium electrode, *current density*

ABSTRACT: The behavior of liquid gallium as an anode in the region of a platinum cathode was studied with two different types of Ga: a 99.99% pure Ga with an excess voltage of hydrogen higher in the solid state than in the liquid state, and a 99.999% pure Ga with no difference in the excess voltage of hydrogen in either of the two states. In both cases the dependence of Ga anode potential (ϕ) on current density (i) between the Ga anode and the platinum cathode was investigated. Anode measurements were also conducted in an NH_2SO_4 solution of temperatures varying from 12 to 48C for comparison purposes. The curves obtained for both Ga types are fully in accord. The curves begin at stationary potential $\phi_0 = -0.520\text{V} \pm 0.020\text{V}$. In the

Card 1/2

ACC NR: AP7000704

region of $\phi = -0.300$ to $\phi = 0.200V$ the dependence of the anode potential on current density is linear with a slope of approximately 400mV and is characterized by good reproducibility in all test series. At $\phi = +0.200V$ with relatively small variations in the potential the current increased considerably. In the region of +0.200V to +2000V the values of current hardly differed from those of the potential; however, the current exhibited a slight downward trend. The Ga electrode showed external changes as well, whereas variations in the potential affected its surface voltage. Between the stationary potential and 0.000V the electrode had a spherical shape with an ever increasing radius; after 0.000V it became flat. The most probable processes responsible for the above behavior of the gallium electrode are discussed. The paper was presented by Academician St. Christov 18 June 1966. Orig. art. has: 1 figure.

SUB CODE:2009, 11/ SUBM DATE: none/ ORIG REF: 002/ SOV REF: 004/ OTH REF: 002

Card 2/2

I 01749-67 T/FWP(L)/ETI IJF(S) NW/DC/ID/10

ACC-NR: AP6035628

SOURCE CODE: BU/0011/65/018/011/1023/1026

RAICHEVA, S., ANDREEVA, L., Chemical Engineering Institute, Sofia [Original language version not given].

"Effect of Gallium Purity on Hydrogen Overvoltage"

59
B

Sofia, Doklady Bolgarskoy Akademii Nauk, Vol 18, No 11, 1965, pp 1023-1026

Abstract: [English article] While data on hydrogen-liquid gallium found in the literature are in satisfactory agreement, data on solid gallium in dilute HCl and NH₂SO₄ solutions seem to be conflicting. Consequently, the authors carried out careful investigations of the hydrogen overvoltage using gallium samples of a differing degree of purity. The analysis of the results shows that the purity of the metal greatly affects the hydrogen overvoltage in solid gallium. However, the dependence is not a simple one since the effect appears to depend on the nature and the quantitative ratio of different contaminant components. (This paper was presented by Corresponding Member ST. Christov on 22 July 1965. Orig. art. has: 3 figures. [JPRS: 26,002/

TOPIC TAGS: gallium, liquid metal

SUB CODE: 07,11 / SUBM DATE: 22 Jul 65 / ORIG REF: 002 / SOV REF: 002
OTH REF: 002

Card 1/1 pb

0922 0029

| RAICHEVA, S.; ANDREEVA, L.

Polarization curves for electrolytic hydrogen evolution on gallium in sulfuric acid solutions. Doklady BAN 17 no.12:1111-1114 '64.

1. Chemical and Technological Institute, Sofia. Submitted August 7, 1964.

ANDREVA, N.
MIMOV, E.; MIMOV, E.

Effect of atropine solution, treated with 1% hemotropine solution
with atropine on the regulation of dysfunction related to regulation
of eye pressure. *Ann. Inst. Ophth.* 10 no.6:498-503 1957.

1. Effect of atropine solution on the regulation of eye pressure.
(*ANN. INST. OPHTH.*, off.)

Effect of atropine solution on the regulation of eye pressure, value in dia.
of dysfunction, by atropine (Bull)

(*ANN. INST. OPHTH.*, off. of drugs on

atropine, value in dia. of dysfunction, by
atropine (Bull))

UGLOVA, T.; ANDRUSHEVA, M.

Effect of surgical intervention on changes of the elasticity curve and on certain other functions of the organism in hypertension, glaucoma, suspected glaucoma and normal conditions. Khirurgia, Sofia 11 no.7: 620-631 1958.

1. Vissh Meditsinski Institut; Sofia Katedra po ochni bolesti Zav.
katedrata: Dots. Ev. Zhivkov.
(GLAUCOMA, surgery,
postop. reactive changes (Bil))

ZHIVKOV, E.; ANDREEVA, M.

Inhibiting effect of certain substances during the appearance and development of alloxan cataract in white rats. Nauch. tr. vissh. med. inst. Sofia 9 no.4:301-309 '59.

1. Predstavona ot dots. E. Zhivkov, zav. Katedrata po ochni bolesti.

(VITAMIN B2 pharmacol) (CATARACT exper)
(ALLOXAN toxicol)

ANDREVA, M.; TODOROV, N.

Experience with physiotherapeutic treatment of myopia. Nauch. tr. vissh. med. inst. Sofia 9 no.4:329-334 '59.

1. Predstavena ot dots. E. Zhivkov, zav. Katedrata po ochni bolesti
Predstavena ot prof. M. Rashev, zav. Katedrata po vutreshni bolesti.

(MYOPIA ther)

ANDREEVA, M.

Effect of "Nemorin" -- a Senecio naemorensis preparation -- on pupillary motility. Nauch. tr. vissh. med. inst. Sofia 40 no.4:95-98 '61.

1. Predstavena ot doc. E. Zhivkov, ruk. na Katedrata po ochni bolesti.

(SENECIO pharmacol) (PUPILS pharmacol)

SIMEONOV, Em.; GROZDANOV, St.; ANDREEVA, M.; DRENSKI, Iv.; BOIADZHIEV, Il

Mortality tables of the Bulgarian population for 1946-1957. Izv
Mat inst BAN 7 45-50 '63.

SIMEONOV, Emanuil; ANDREEVA, Margarita

Births in Bulgaria from 1947 to 1961. Izv Mat Inst BAN 8:119-
143 '64.

1. Submitted October 21, 1963.

ANDREEVA, St.

Publications of the Bulgarian Academy of Sciences released
in 1962. Spisanie BAN 8 no.2:104-110 '63

ANDREEVA, St.

Publications of the Bulgarian Academy of Sciences. Spisaniie
BAN 7 no.3:133-139 '62.

ANDREEVA-GALANINA, E. C.

Changes in the galvano-cutaneous reflex in chronic carbon disulfide poisoning. Rev. igiena microb. epidem., Bucur. no.4:23-31 Oct-Dec 54.

1. Seful catedrei de igiena muncii la Institutul de Igiena Leningrad. M. Dragnea Catedra de igiena a muncii I.M.F. Bucuresti candidat in stiinte medicale primit in redactie in octombrie 1954.

(CARBON DISULFIDE, poisoning
chronic, eff. on galvano-cutaneous reflex)
(REFLEX PSYCHOGALVANIC
eff. of chronic carbon disulfide pois.)

ANDREEVE, G.

The technique of laboratories studies of stresses in the active part of a tool with a polarizing optical installation, with the help of a film coating. p. 71.

METALURGIA SI CONSTRUCTIA DE MASINI. (Ministerul Industriei Metalurgice si Constructiilor de Masini si Asociatia Stiintifica a Inginerilor si Technicienilor din Rominia) Bucuresti, Rumania. Vol. 11, no. 1, Jan. 1959.

Monthly List of East European Accessions (EEAI) IC, Vol. 8, no. 7, July 1959

Uncl.

ANDREEVSKI, Aleksandar, doc. dr; JOVANOVIĆ, Mihailo, sanitetski major dr

Contribution to the study of injuries of the temporal region. Voj.
san.pregl., Beogr. 18 no.1:37-42 Ja '61.

1. Medicinski fakultet u Skopju, Klinika za uvo, nos i grlo. Vojna
bolnica u Skopju, Odeljenje za uvo, nos i grlo
(TEMPORAL LOBE wds & inj)

ANDREEVSKI, Aleksandar, prof. dr. (Skopje)

Surgical therapy of acute and chronic virus diseases.
Med. glas. 19 no.6:134-137 JI-Ag ' 65.

ANINOVSKI, I. ; SRITICOVIC, B.

Power sources for feeding the AN/TRO-9 radio station under field conditions of operation. p. 133.

VOJNO-TEHNIKI GLASNIK. Beograd, Yugoslavia. Vol. 7, no. 11, Nov. 1955.

Monthly List of East European Accessions (WEAI) 10, Vol. 1, no. 6, Sept. 1959.

Uncl.

ANDREEW, A.

- 1. "Anatomical and Physiological Basis of the Question of Spontaneous Healing of Multiple Fractures," Prof. Dr. LUDWIG WILHELM (1874-1962) (Prof. Dr. Institut) of the Berlin Father University (Berlin-Charité University, Berlin-Charité, Berlin (Germany)); pp 803-804.
- 2. "On the Question of the Spontaneous Healing of Multiple Fractures," Prof. Dr. LUDWIG WILHELM (1874-1962) (Prof. Dr. Institut) of the Berlin Father University (Berlin-Charité University, Berlin-Charité, Berlin (Germany)); pp 803-804.
- 3. "Anatomical and Physiological Basis of the Question of Spontaneous Healing of Multiple Fractures," Prof. Dr. LUDWIG WILHELM (1874-1962) (Prof. Dr. Institut) of the Berlin Father University (Berlin-Charité University, Berlin-Charité, Berlin (Germany)); pp 803-804.
- 4. "The Spontaneous Healing of Multiple Fractures," Prof. Dr. LUDWIG WILHELM (1874-1962) (Prof. Dr. Institut) of the Berlin Father University (Berlin-Charité University, Berlin-Charité, Berlin (Germany)); pp 803-804.
- 5. "Anatomical and Physiological Basis of the Question of Spontaneous Healing of Multiple Fractures," Prof. Dr. LUDWIG WILHELM (1874-1962) (Prof. Dr. Institut) of the Berlin Father University (Berlin-Charité University, Berlin-Charité, Berlin (Germany)); pp 803-804.
- 6. "Anatomical and Physiological Basis of the Question of Spontaneous Healing of Multiple Fractures," Prof. Dr. LUDWIG WILHELM (1874-1962) (Prof. Dr. Institut) of the Berlin Father University (Berlin-Charité University, Berlin-Charité, Berlin (Germany)); pp 803-804.
- 7. "Anatomical and Physiological Basis of the Question of Spontaneous Healing of Multiple Fractures," Prof. Dr. LUDWIG WILHELM (1874-1962) (Prof. Dr. Institut) of the Berlin Father University (Berlin-Charité University, Berlin-Charité, Berlin (Germany)); pp 803-804.

ANDREEV, TOTIU

Urologichanata pomosht v uchastukovata sluzbba, F. andreev, A. Georgiev
M. IAnakiev. Sofia, nauka i izkustvo, 1954. 180 p.

Science Periodicals

Vol. 2, no. 2 1957

SO: Monthly List of East European Accession (EEAL) LC Vol. 8, No. 3, March 1950

UNCLASSIFIED

ANDREGA, P. N.

USSR/Miscellaneous - Industrial processes

Card 1/1 : Pub. 104 - 6/9

Authors : Minakov, A. G., Shchepanskiy, L. A., Andrega, P. N., and
Dubrovskiy, V. A.

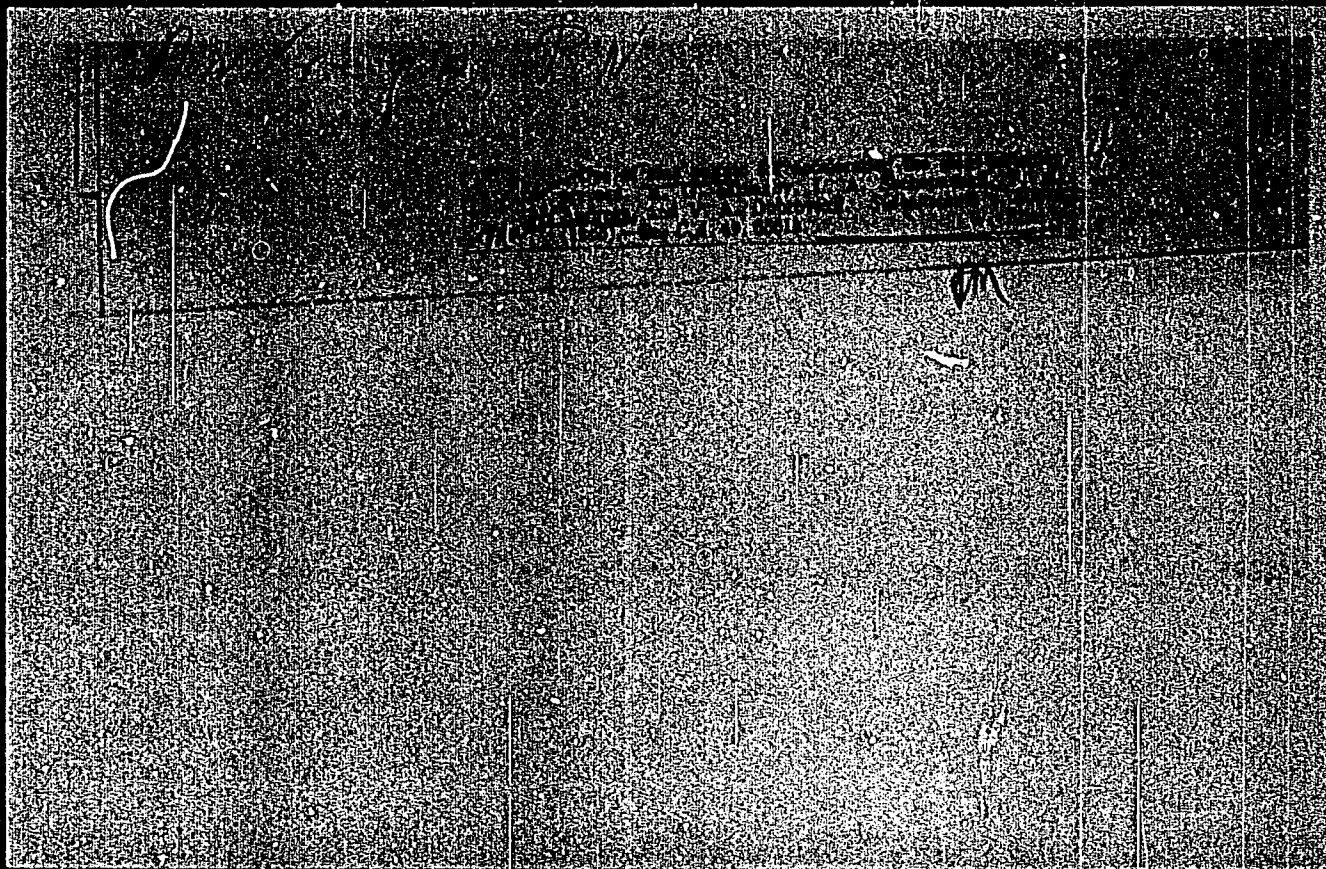
Title : Use of zinc chloride as a glass grinding accelerator

Periodical : Stek. 1 ker. 8, 23-25, Aug 1954

Abstract : The characteristics of $ZnCl_2$, when used as a glass grinding accelerator, are described. The accelerating effects of other grinding solutions $CuCl_2$, $CuSO_4$, $ZnSO_4$, $FeSO_4$, $FeCl_3$ and $Cd(CH_3COO)_2$, are discussed. The advantages derived from using $ZnCl_2$ glass grinding accelerators, are listed. Tables.

Institution :

Submitted :



ANDRECA, P. N.

Influence of accelerations on polishing of brass. V. A. Dubrovskii, P. N. Andreeva, B. I. Legerman, and L. A. Kambayeva. *Soviet Journal of Applied Mechanics*, No. 12, 16-18 (1965). Tests were made with different brass products. Amt. of accelerations, regardless of method of feed, should be strictly held. Brass can even retain polishing. B. Z. Kamich

4

MINAKOV, A.G.; SHELPANSKIY, L.A.; ~~ANDREGA~~, P.N.; DUBROVSKIY, V.A.

Answer to the K.Gesse's article. Stek.l ker. 12 no.12:23-25 D '55.
(MLRA 9:3)

(Glass manufacture) (Zinc sulfate)

ANDREI, A.

Rumania/Physics of the Earth - Seismology, 0-3

Abst Journal: Referat Zhur .. Fizika, No 12, 1956, 36364

Author: Petrescu, G., Andrei, A.

Institution: None

Title: Determination of the Depth of the Hypocenter of the Earthquake of 20 June 1950 in the Vrancea Mountains

Original

Periodical: Rev. Univ. "C. I. Parhon" si Politehn. Bucuresti. Ser. stint. natur., 1955, No 6-7, 175-179; Rumanian; Russian, and French resums

Abstract: To determine the position of a deep earthquake in the Vrancea Mountains, microseismic data from 20 seismic stations were used. The average value of the depth of the earthquake was determined ($h = 170$ km). Tables are given of comparison with 14 earthquakes in the Vrancea Mountains, which occurred earlier and were studied by various investigators in Rumania and abroad.

Card 1/1

ANDREI, A. ; BLITZ, E.

Great achievements of constructors in the period of ten years since the nationalization. p. 297.

REVISTA CONSTRUCȚIILOR ȘI A MATERIALELOR DE CONSTRUCȚII. (Asociația Științifică a Inginerilor și Technicienilor din România și Ministerul Construcțiilor și al Materialelor de Construcții) București, România. Vol. 10, no.6, June 1958.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 6, June 1959
Uncl.

R/011/62/006/001/003/003

1010/1210

AUTHOR: Dumitrescu, Mircea, and Andrei, Alexandru,

TITLE: Designing ferroresonant A.C. stabilizers

PERIODICAL: Automatica si electronica, v. 6, no. 1, 1962, 22-29

TEXT: A practical description of calculation and designing of ferroresonant stabilizers is given. The authors emphasize that such calculations are based upon empirical formulae, established for various cores, and methods of their production. After theoretical considerations a practical example of a 100 W stabilizer calculation is given. A comparison of calculated and measured data shows that the calculated performance of the regulator was very close to the measured one. The calculated stability coefficient was $S = 84$, whereas the measured one was $S = 74$. For input voltage changes of 74 V, the output voltage variation was only 1V. Diagrams of the stabilizer circuit and of the circuit for taking magnetic characteristics of a core pack are given. There are 10 figures and 3 references.

ASSOCIATION: ICET (M. Dumitrescu is Head of Laboratory, and A. Alexandru a scientific worker of the laboratory of ICET).

Card 1/1

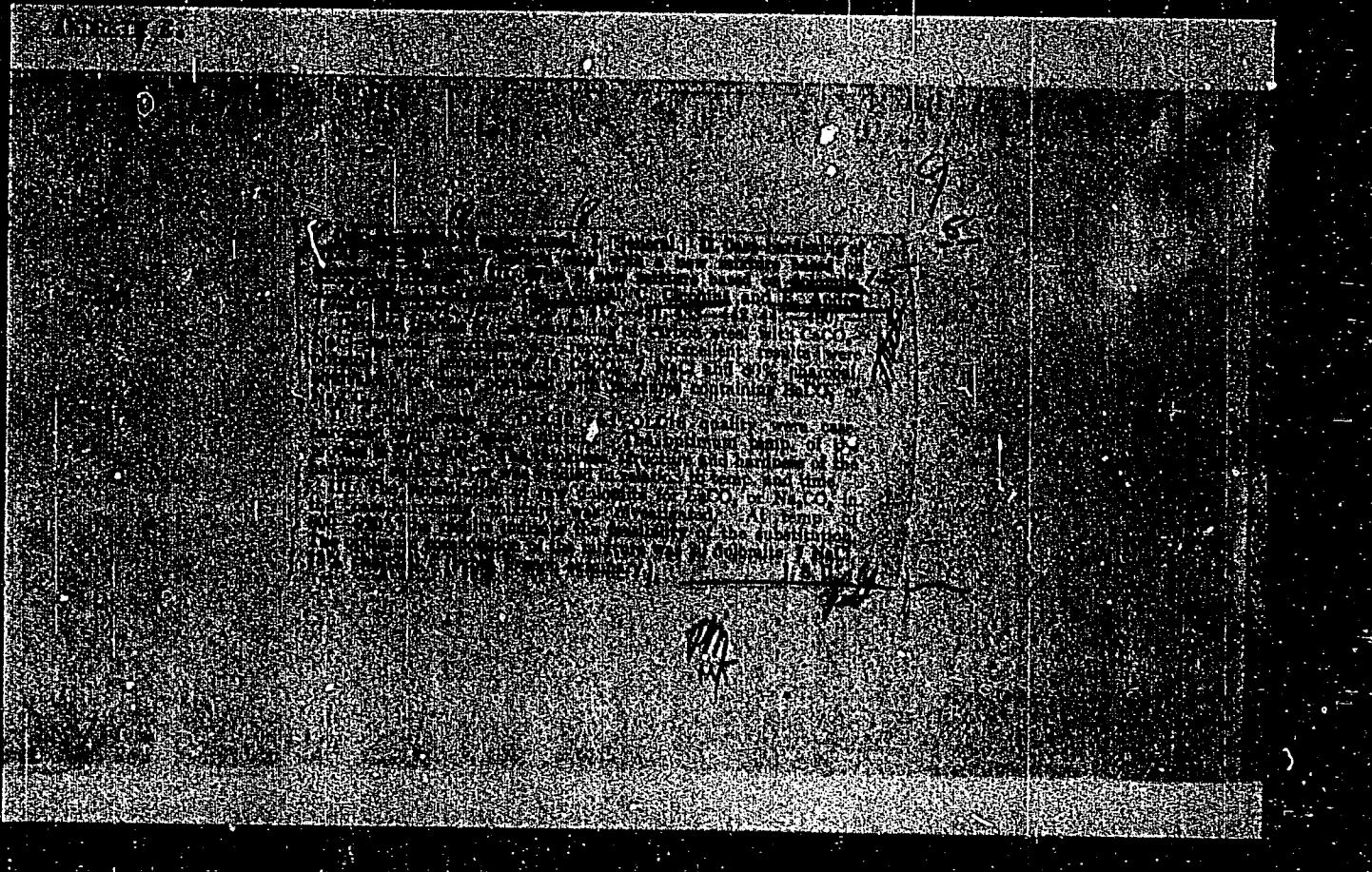
ANDREEV, Andrei, inzh.

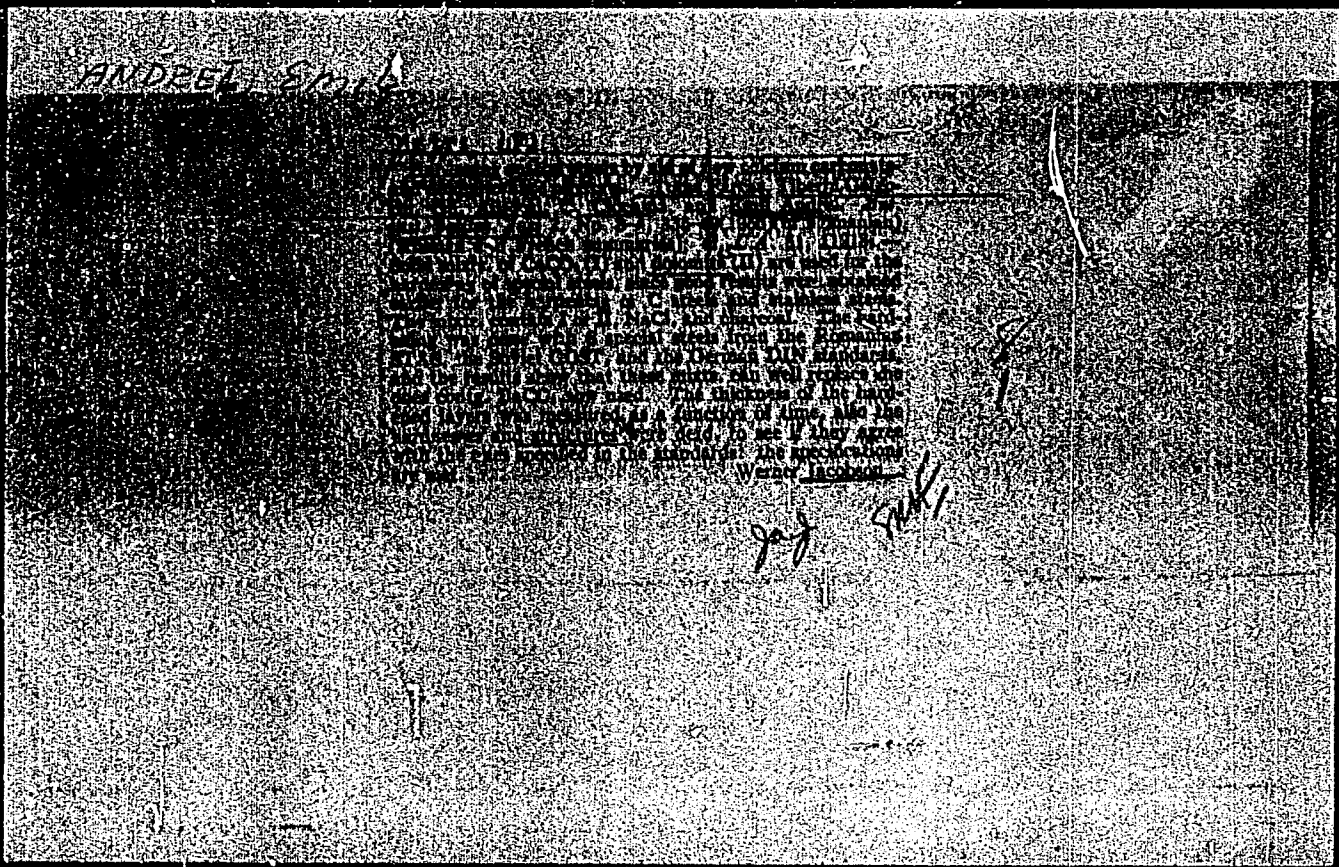
Elimination of difficulties encountered in the combustion
of high-ash anthracite as electric power fuel. Elektroenergiia
15 no.12:14-18 D '64.

PARPALA, Ana; ANDREI, Dumitru; CHIOVEANU, Misu; DAN, Ion; STOICA, Cornel,
ing.; ROMAN, Stere

Contribution of 76 innovations. Constr Buc 16 no.761:3 8 Ag
'64.

1. Secretary of the Trade-Union Committee, Enterprise of Assembly
Constructions No.2 (for Parpala).
2. Chairman of the Trade-Union
Committee, Enterprise of Assembly Constructions No.1 (for Andrei).
3. Chief Engineer of the Enterprise of Assembly Constructions
No.4 (Chioveanu).
4. Chairman of the Trade-Union Committee,
Enterprise of Assembly Constructions No.5 (for Dan).
5. Head of the Construction Site, Enterprise of Assembly
Constructions No.3 (for Stoica).





-71

RUMANIA

ANDREI, C., Major, Medical Corps.

"Activity of Ionizing Radiation on the Bucco-maxillofacial Region"

Bucharest, Revista Sanitara Militara, Vol. 62, No. 3, May-June 1966;
pp 527-536

Abstract: Review of experimental and clinical data, the latter being primarily the Japanese victims of nuclear bombs including the fishermen around the Bikini atoll; data on sensitivity of oral and dental tissues to radiation; discussion on methods of prevention and treatment. 4 Soviet, 5 Rumanian, 3 Western references. Manuscript received 6 August 1965.

1/1

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Obtaining the gross weight of traffic flow through mechanization.
Rev cailor fer 10 no.3:117-122 Mr '62.

1. Directia Miscarii si Comercialului.

ANDREI, I., ing.; MANDY, P., ing.

That we may know the theory and practice relative to the plan of forming goods trains. Rev cailor fer 10 no.2:59-62 F '62.

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An analysis of the so-called "parametric equations" method for the calculation of the plan for the formation of goods trains, and ways of improving that method. Rev caior fer 10 no.4:163-169 Ap '62.

1. Directia miscarii si comercialului.

SANDULESCU, Iosif, ing.; ANDREI, Ioan, ing.

On the improvement of the present itinerary guide.
Rev cailor fer 10 no.1:7-10 Ja '62.

1. Directia Miscarii si Comercialului.

SANDULESCU, Iosif, ing.; ANDREI, Ioan, ing.

Use of the calculation mechanographic system with perforated cards,
in the optimum variant determination of the formation plan. Rev
cailo. fer 10 no.9:461-468 S '62.

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ANDREI, Ioan, ing.

Influence of degree of use of car loading capacity on the equipment.
Rev cailor fer 10 no.11:586-589 N '62.

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Problem of the transport route from the loading place.
Rev cailor fer 10 no.5:219-222 My '62.

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SANDULESCU, Iosif, ing.; ANDREI. Ioan, ing.

Selection of the numerical value of the circulation of railroad cars necessary for the calculation of the formation plan.
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1. Directia miscarii si comercialului.

ANDREI, I., ing.; SANDULESCU, I., ing.

Selection of the most economical routes of railway transportation.
Rev cailor fer 10 no.7:331-336 J1 '62.

1. Din Directia miscarii si comercialului.

SECHEL, Vasile, ing.; CAZACU, Iulian; MORARU, Nicolae, ing.; ACHIM, Stelian, ing.; MIHAI, Dumitru, ing.; ANDREI, I.; CURPAN, V.; BOT, Iosif; STROHLI, Ignat; LUPSE, O., ing.; PELICALA, Gh., ing.; TEODORESCU, Dumitru, ing.

Modern technological proceedings in mechanical engineering.
Probleme econ 18 no.1:154-163 Ja '65.

1. Technical Director, "Tractorul" Plant, Brasov (for Sechel).
2. Chief Planning Engineer, "Tractorul" Plant, Brasov (for Cazacu)
3. Technical Director, "Independenta" Plant, Sibiu (for Moraru).
4. Chief Technologist, "Independenta" Plant, Sibiu (for Achim).
5. Director. Colibasi Plant for Automobile Parts (for Mihai).
6. Director. Metallurgic Plant, Bacau (for Andrei). 7. Chief Engineer, Metallurgic Plant, Bacau (for Curpan). 8. Director, "Unirea" Metallurgic Plant, Cluj (for Bot). 9. Chief Engineer, "Unirea" Metallurgic Plant, Cluj (for Strohli). 10. Chief Metallurgist, "Unirea" Metallurgic Plant, Cluj (for Lupse).
11. Director, "Feroemail" Plant Technical and Sanitary Products and Installations, Ploiesti (for Pelicala). 12. Head of Technical Services, "Feroemail" Plant for Technical and Sanitary Products and Installations, Ploiesti (for Teodorescu).

ANDREI, M., asist. univ. (Bucuresti)

Allelopathia, mutual influence in higher plants. Natura Biologie
17 no.1:22-30 Ja-F '65.

ANDREI, M.

Association of the Festuca amethystina in the Ciuc Mountains.
Comunicarile AR 13 no.6:541-550 Jo '68.

1. Comunicare prezentata de G.C. Georgescu, membru corespondent
al Academiei R.P.R.

LUPEI, Nestor, conf.; GHITULESCU, T., ing.; GRAEF, Carol, ing.; ILICA, D., ing.;
ANDREI, M.

Regional geologic conferences. Rev min 14 no.9:420-421 S '63.

ION, Nita, ing.; POTOCEANU, I., ing.; IORDACHE, C., ing.; STANTIEV, I.;
ANDREI, M., ing.; POPESCU, I.

Reducing cost price, an important task in the siderurgical industry.
Probleme econ 17 no.2:147-151 F '64.

1. Director tehnic conceptie, Combinatul siderurgic Hunedoara (for Ion).
2. Director general, Combinatul siderurgic Resita (for Potoceanu).
3. Director, Uzina de tevi Roman (for Iordache).
4. Director, Industria sirmei-Cimpia Turzii (for Stanatiev).
5. Seful Serviciului Planificare, uzina Ciocanul-Nadrag (for Popescu).

RUMANIA / Farm Animals. Cattle. Q

Abs Jour : Ref Zhur - Biologiya, No 5, 1959, No. 21234

Author : ~~Andrei, N.~~; Marin, L.; Popa, I.; Adochitel, C.
Inst : Not given

Title : Investigations of the Problem of Morphologic-
Productive Properties in Cows of the Pinzgau Breed
at the Cotusca State Farm

Orig Pub : Probl. zootehn. si veterin., 1958, No 4, 13-21

Abstract : The Pinzgau cattle at the Cotusca State Farm has a
well proportioned and strong body build and possesses
a lively disposition. The cows' average milk yield
amounts to 3165 liters, the maximum being 6157 liters.

Card 1/1

GUTU, A., ing.; ANDREI, Ov., ing.; COTOVANU, E., ing.

Drawing profiles and sketches on scale in vertical plane and large scale by stereoaerograph plotting. Rev geodezie 8 no. 2-64-72 '64.

1. Institute of Mine Planning, Bucharest.

GUTU, A.L., Ing.; ANDRUS, G., Ing.

Use of terrestrial photogrammetry in quality surveying.
Rev min 15 no. 5/6:310-320 My-Js 1961.

ANDREI, S.

Nomograms for computing generators of motocompressing gases used in the pneumatic drive of helicopter rotors. p. 1241.

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. 3, Aug. 1959

Uncl.

ANDREI, S.

TECHNOLOGY

Periodical: REVISTA CONSTRUCTIILOR SI A MATERIALELOR DE CONSTRUCTII.
Vol. 10, no. 11, Nov. 1958

Monogram for computing the consolidation of foundations p. 564.

Monthly List of East European Accessions (EEAI) LJ, Vol. 3, No. 3
May 1959, Unclass.

Moscow

III, 3.

Interaction between water and the solid cell skeleton, and their
experimental determination. II p.172

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Romania) Bucaresti, Romania Vol.4, no. 1, June 1955

Monthly List of East European Accessions (MELA) LI, Vol. 9, no. 2, Feb. 1960

Incl.

ANDREI, S.

Nomographs for calculating internal losses in the blades of a pneumatically driven helicopter rotor. p.663

STUDII SI CERCETARI DE MECANICA APLICATA. Academia Republicii Populare Romine
Bucuresti, Rumania
Vol. 10, no.3, 1959

Monthly List of East European Accessions, (EEAI) IC., Vol. 9, no.1, Jan. 1960
Uncl.

24267

R/008/61/000/002/005/008
D205/D304

26.2120 also 2807

AUTHOR: Andrei, Șt.

TITLE: Critical study on gas generators with internal combustion engine driven compressors for the pneumatic propulsion of helicopter rotors

PERIODICAL: Studii și cercetări de mecanică aplicată, no. 2, 1961, 363 - 382

TEXT: The article presents an analytical and graphical study on the variation of characteristic parameters of gas generators with internal combustion engine driven compressors depending on the rate of flow of the generator's gases, and on the operational parameters of the engine and compressor in different combinations, compatible with their operation on a helicopter, with regard to the cooling and the admission and exhaust conditions, as already shown by the author (Ref. 1: Studii și cercetări de mecanică aplicată, 4, 1957). The general expressions for the main characteristi-

Card 1/6

24267

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D235/D304

Critical study on gas ...

$$\eta_{cs} = \eta_c \cdot \varphi = \frac{P_{a1}}{P_m} = \frac{\bar{P}_{ad_2}}{\bar{P}_m} = \frac{\eta_{ad_2}}{\gamma_m} = \frac{\bar{P}_{ad_2}}{\frac{H_c}{A} \eta_m} \quad (10) \quad (10)$$

and thus the nondimensional coefficient:

$$\varphi = \frac{\bar{Q}_3}{\bar{Q}_c} \cdot \frac{C_{p_2}}{C_{p_c}} \cdot \frac{\Delta T_{3_d}}{\Delta T_{c_{ideal}}}, \quad (11) \quad (11)$$

may easily be deduced by taking into consideration the sum of all losses in the external circuit of the compressor, as well as the totality of the heat recoveries from the same external circuit. The author then examines various combinations. In the basic combination notated with "0 - 0", and assuming that no power is directly supplied for cooling the engine, the characteristic parameters of the gas generator correspond to the two circuits, i.e. the circuit of the engine and that of the compressor considered to be in-

Card 3/6

24267

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D235/D304

Critical study on gas ...

dependent. Thus, the family of gas generators resulting from the variation of K are characterized by the quasiconstancy of the adiabatic power's level and by the linear drop of the gas temperature with K . In case of a forced cooling, the utilization of the compressor's suction and inlet opening was taken into consideration. In case of a forced cooling at the suction, RF_a , a drop of the adiabatic power, partially results by the hydrodynamic losses in the cooling circuit and the suction conduit, P_{ec} , and partially an increase by the contribution of the engine's cooling heat. In the case of forced cooling at the inlet opening, RF_r , the above considerations remain principally valid, the relative value of the constants, however, are modified, the contribution of the recovered heat taking place at the warm circuit of the compressor's inlet opening. Discussed also are the cases of free cooling, forced exhaust cooling and forced inlet opening cooling. The variations of the main characteristic parameters of the 0 - 2 combination are

Card 4/6

21267

R/008/61/000/002/005/008
D235/D304

Critical study on gas ...

given graphically and present a reduction of \bar{P}_{ad} in case of RF_r , and a relative improvement in case of RF_a . The variations of the characteristic parameters are also given graphically and show that no improved performances are obtained as against the 0 - 2 combination. The combination notated with 2 - 0, is characterized against the 0 - 0 reference combination by a general increase of the mass power of the engine in a $B \times D$ ratio, and by a reduction of the engine's efficiency in a $\frac{B \times D}{\bar{\gamma}_{a_1} \cdot \bar{p}_{a_1}^* \cdot \bar{T}_{c_2}^*}$ ratio. From the

point of view of the power transformation, this combination is not interesting. However, in the low-pressure field, this combination is superior to the 0 - 2 combination with regard to the mass power. The mass power may be improved up to the level attained by the RL, 0 - 2 combination with a mechanical fan. The considerations mentioned for 0 - 5 (0) are also valid for the 2 - 5 (0) combination.

Card 5,6

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Critical study on gas ...

The 2 - 2 combination is a super-position of the 0 - 2 and 2 - 0 combinations. It presents intermediate characteristics and it may be considered as a completion of the 0 - 2 combination. The 2 (0) combinations use limited supercharging and may be considered to be particular cases of the 2 - 0, 2 - 2 and 2 - 5 (0) combinations used to improve the climbing performances of the helicopter. With a minimum of additional equipment the compressor of the gas generator may satisfy the requirements of the cooling and supercharging. The selection of the optimum solution has to be analyzed as a function of the characteristics of the helicopter's rotor and the required flying performances. There are 4 figures and 4 Soviet-bloc references.

SUBMITTED: May 12, 1960

Card 6/6

1000002807R/008/60/000/006/005/008
A231/A126

AUTHORS: Patraulea, N.N.; Andrei, Șt.; Radu, Gh.

TITLE: On the aerodynamic calculation of vehicles using the ground effect

PERIODICAL: Studii și cercetări de mecanică aplicată, no. 6, 1960, 1,565 - 1,579

TEXT: The article presents some general considerations on the operation principle of vehicles based on the ground effect, as well as the aerodynamic calculation of different views of the problem, taking into consideration the two fundamental types, i.e., platforms with circular jets and with annular jets. a) Vehicles in which potential motion is accomplished in the whole space between the platform and the ground (circular jet): Considered is the hypothetical case of a vehicle in which an overpressure is achieved under the platform, due to an irrotational flow of the fluid in the whole space between the platform and the ground (Fig. 1). Notating with v' the asymptotic velocity and with s the asymptotic section after the fluid has been evacuated along the ground supposed to be perfectly horizontal, the necessary power is that one which corresponds to the kinetic energy far downstream: $N_{id} = \frac{\rho}{2} s v'^3$, (2.1). Considering then that the jet is not infinitely thin, the stream lines are almost circle arcs, thus the

Card 1/2

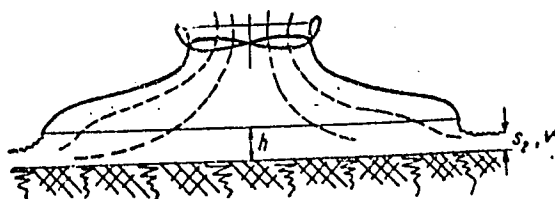
On the aerodynamic calculation of.... 26093

R/008/60/000/006/005/008
A231/A126

hypothesis that the stream lines are circular can be maintained. The authors then continue with examining variations of parameters and draw certain conclusions on how the operating characteristics may be improved. There are 8 figures and 1 non-Soviet-bloc reference. The reference to the English-language publication reads: E.K. Liberatore: A parameter for comparing ground effect vehicles. Aero-Space-Engineering, October 1959.

SUBMITTED: May 12, 1960

Figure 1



Card 2/2

ANDREI, S., ing.; CULITA, C., ing.; SBENGHE, R., ing.

Research on the steeping sensibility of loesses. Hidrotehnica
7 no. 6:173-187 Je '62.

ANDREI, S., ing.; BIRZESCU, M., ing.; NICOLAU, D.

Use of short piles in foundation work for civil and industrial constructions. Rev constri al mit constr 16 no.3:146-151 Mr'64

1. Institute of Building Research and Construction Building Economics, Section of Construction Foundations.

ANDREI, S., ing., candidat in stiinta tehnico

Use of power considerations in the study of water transfer
phenomena in porous bodies. Rev constr si mat constr 16 no.10:
536-540 0 '64.

PETREA, I.; ANDREI, S.

Fluorescence microscopy of smear preparations and sections in
experimental production of thyroid and pituitary tumors. Stud.
carcet. endocr. 15 no.6:525-528 '64.

L 17204-63 EPR/EMP(j)/EPR(c)/BDS AFFTC/ASD Ps-L/Pc-L/Pr-L RM/MM
R/0003/63/014/006/0328/0335

ACCESSION NR: AP3005753

AUTHOR: Andrei, Th.

73
77

TITLE: Polyolefinic epoxy resins and liquid polybutadiene

SOURCE: Revista de chimie, V. 14, No. 6, 1963, 328-335

TOPIC TAGS: Resin, epoxy resin, polyolefin, liquid polybutadiene

ABSTRACT: This is a study of the technical-economic factors involved in the manufacture of the two products, with a view to their eventual utilization as coatings and in casts, molds, laminated and glass-fiber laminates. The article describes the preparation of polyolefinic epoxy resins, the characteristics of the substance alone, as a coating on glass or metal, of the products obtained by molding or casting, and as a laminate with glass fibers. It also gives some characteristics of liquid polybutadiene and some of its possible uses (as mentioned in the literature). Further studies will be necessary before beginning the production of epoxy resins in Rumania. However, it can be said that these resins have many advantages over the classic resins, such as lower specific weight; their manufacture is simpler and cheaper than that of classic resins, and their use is to be expanded considerably. The physical-mechanical tests of the casting samples were performed

Card 1/2

L 17204-63
ACCESSION NR: AP3005753

at ICECHIM /Institutul de Cercetari Chimice; Institute of Chemical Research/.
Part of the observations on the coatings were made at LCCLV-Bucharest." Orig.
art. has: 11 equations, 2 figures, and 12 tables.

ASSOCIATION: None

SUBMITTED: 00

DATE ACQ: 14 Aug 63

ENCL: 00

SUB CODE: CH, MA

NO REF SOV: 001

OTHER: 016

Card 2/2

ANDREI, Th.

Epoxy resins with piperylene. Rev chimie Min petr 15
no. 5:274-275 My '64.

ANDREI, V.

TECHNOLOGY

Periodical: REVUE SPA D'INDUSTRIE ALIMENTAIRE. FRANCE. 1958. No. 4, 1958.

ANDREI, V. Problems of sterilizing bottle capsules in the mineral-water branch.
p. 2h.

Monthly List of East European Accession (EEAI) LC, Vol. 8, no. 3
March 1958. Unclass.

25(1)

RUM/2-11-9-17/42

AUTHOR: Andrei, Vasile, Engineer

TITLE: Vacuum Metalizing

PERIODICAL: Stiință și Tehnică, Seria a II-a, Vol 11, Nr 9,
p 27 (RUM)

ABSTRACT: Vacuum metalizing, or the method of evaporation in vacuum, consists in heating a metalizing material to its evaporation temperature in a vacuum and deposition of the very fine particles onto an object. The piece to be metalized is placed in a cylindrical metalizing chamber, 1.2 - 1.5 m in diameter and 2 - 3.5 m long. Depending on size and efficiency of the vacuum pumps, a vacuum of 10^{-1} - 10^{-2} mm of mercury can be achieved in 10 - 90 min. A frame-shaped support, either revolving or fixed, and one or more tungsten filaments are located in the metalizing chamber. The piece to be metalized is placed on the frame-shaped support and the pin-shaped metalizing agents are placed on the

Card 1/3

Vacuum Metalizing

RUM/2-11-9-17/42

tungsten filaments, through which an electric current is fed. The heat supplied by the tungsten filaments is high enough to melt and evaporate the metalizing agent. This operation takes approximately 15 sec. The evaporation process depends on the surrounding vacuum. The lower the pressure in the chamber, the lower the evaporation temperature. Aluminum, normally boiling at 2,270°C, boils in a vacuum at only 2,040°C. The surface of the material has to be very smooth to guarantee good adherence and perfect brightness. To obtain such a surface, the material is first covered with a varnish and then dried in a kiln. After that the piece is placed in the vacuum chamber and metalized. The thickness of the metalized coat can be controlled by the current density and the heating of the filament. A total of 25,000 - 30,000 pieces each with a diameter of 75 mm, can be metalized in a vacuum chamber, 1.5 m in diameter and 1.5 m long, by a single charge. Metalization can also be achieved by cathodic atomization. The piece to be metalized is ✓

Card 2/3

Vacuum Metalizing

RUM/2-11-9-17/42

placed on an anodic disc of aluminum. The cathode consisting of the atomizing agent is placed above the anodic disc. Metalizing in vacuum is being used increasingly widely in industry. There is 1 figure. ✓

ASSOCIATION: I.C.M.E.A.

Card 3/3