

DONCHEV, K.; DIMITROV, D.

"Cool weather in Bulgaria in late spring." (p.87) PRIRODA  
(Bulgarska Akademia Na Naukite) Sofiya Vol 2 No 6 Nov/Dec 1953

SO: East European Accessions List Vol 2 No 6 Aug 1954

DONCHEV, K., inzh.; TSVETKOV, P., inzh.

Some methods of an easy use of keratin-containing waste. Tekhnika  
Bulg 11 no.4:154 '62.

DONGHEV, K.

Thunderstorms in the Sofia region in January 1963. Khidro i  
meteorolog 3:63-65 '63.

DONCHEV, K.

Intense frost in the Burgas District in January 1963. Khidro i  
meteorolog 3:66-68 '63.

DONCHEV, L.

Interanl operative control of expenditures from the Working  
Wage Fund. p. 17.

Vol 2, No. 1, 1955, STROITELSTROV, Sofiya, Bulgaria.

SOURCE: East European Accessions List. (EEAL) Library  
of Congress, Vol 5, No. 1, January, 1956

DONCHEV, Ljubomir

Improving the structure of the constructions calculations.  
Stroitelstvo 8 no.5:23-26 '61.

(Building)

DONCHEV, Liubomir

On the problem of uniform price in building. Trud tseni 4  
no.1:7-19 '62.

DONCHEV, Liubomir

Some problems of prices and expenditure in building.  
Trud tseni 6 no. 2:1-12 '64.



DONGIEV, L.

Purer, purest, ultrapure. Nauka i tekhn mladezh 16 no.7/8:44-47,  
58 JI-Ag '64

*DONCHEV, M.*

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

Abs Jour : Ref Zhur-Khimiya, No 2, 1958, 5307.

Author : Dimitrov D., Rushev D., Belichev P., Donchev M.

Inst : Chemico-Technological Institute.

Title : Adsorptive and Decolorizing Properties of  
Some Natural Bulgarian Silicates.

Orig Pub : Godishnik Khim.-tekhnol. in-t, 1955, (1956), 2,  
No 1, 113-125.

Abstract : A study of 14 Bulgarian natural silicates (clays,  
kaolins, trass and kieselguhr) after thermal acti-  
vation in the temperature range from 110 - 400°  
and after acid activation with HCl or H<sub>2</sub>SO<sub>4</sub> at  
a concentration from 1 to 20%. Adsorptive ca-  
pacity was checked by the benzene method and  
decolorizing power -- by decolorization factor.

Card : 1/2

KIROV, K.; DONCHEV, P.; VASILVA, B.

Acute yellow atrophy in treatment with largactil. Suvrem. med., Sofia  
9 no.9:90-93 1958.

1. Is Psikho-nevrologichnata bolnitsa v Karlukovo (Gl. Lekar: P. Petkov)  
(CHLORPROMAZINE, inj. eff.  
acute yellow atrophy (Bul))  
(ACUTE YELLOW ATROPHY, etiol. & pathogen.  
chlorpromazine (Bul))

DONCHEV, R.

"The District Nursery School." p. 1,  
(ZORAVEN FRONT, No. 47, Nov. 1954, Sofiya, Bulgaria)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4  
No. 5, May 1955, Uncl.

DONCHEV, Raiko; MITKOV, Simeon

Effect of various methods of raising chickens, and their subsequent productivity. Izv Zhivotn nauki 1 no.2:47-55 '64.

1. Institute of Animal Husbandry, Kolarovgrad (for Donchev).
2. Technological Institute of Animal Products, Sofia (for Mitkov).

DONCHEV, S.

Material on the systematics, ecology, and biology of crows (Corvidae) in Bulgaria. p. 269.

IZVESTIJA. Sofia, Bulgaria, Vol. 7, 1958

Monthly List of East Accessions (EEAI) LC, Vol. 9, No. 1 January 1960

Uncl.

DONCHEV, Stefan

Zoological notes from Poland. Prir i znanie 12 no.7:14 S '59.  
(EEAI 9:10)

(Poland--Zoology) (Bulgarians in Poland)

DONCHEV, St. Iv.

The birds in the Vitosha Mountains. Izv Zool inst BAN 10:59-137  
'61. (EEAI 10:9/10)

(Birds)



DONGCHEV, St.; UNDZHIAN, E.

The river chirping bird, *Locustella fluviatilis*, Wolfen, 1810; a  
new species for the Bulgarian ornithologic fauna. Izv Zool inst  
BAN 10:387-388 '61. (EEAI 10:9/10)

(Birds)

DONCHEV, St.; PROSTOV, Al.; GEORGIEV, Zh.

Caspian tern, *Hydroprogne tschegrava tschegrava*, Lepechin, 1770, is  
a new species for the Bulgarian ornithologic fauna. Izv Zool inst  
BAN 10:389-391 '61. (EEAI 10:9/10)

{Terns} (Ornithology)

DR. DIMITAR, St.

SURNAME, Given Names

Country: Bulgaria

Academic Degrees: Candidate of Biological Sciences

Affiliation: not given

Source: Sofia, Priroda, Vol X, No 4, July/August 1961, pp 66-69

Data: "Man-Produced Changes in the Ornithofauna of the Vitosha Mountain."

GPO 981643

DONCHEV, St., kand. na biolog. nauki

A rare phenomenon in the world of birds. Priroda Bulg  
10 no.5:82 3-0 '61.

DONCHEV, St., kandidat na biologicheskite nauki

Mass death of birds in Bulgaria, caused by sudden meteorologic changes. Priroda Bulg 11 no.5:95 8-0 '62.

DONCHEV, Stefan, kandidat na biologicheskiye nauki

Some peculiarities in the reproduction of birds and mammals. Prir i  
znamie 15 no.7:12-14 S '62.

DONCHEV, Stefan

Distribution of some new and rare birds in Bulgaria. Izv  
Zool inst BAN:23-28 16 Je'64

DONCHEV, St., kandidat na biolog. nauki

Protecting and attracting beneficial and decorative birds  
in the Vitosha National Park. Prir i znanie 16 no.5:10-11  
My '63.



DONCHEV, Stefan

In defence of the day and the night birds of prey. Prir i znanie 16  
no.8:16-17 0 '63.

~~DONCHEV~~, Stefan, dots. inzh.; KASABOV, Ivan, inzh.; ANGELIEV, Vasil,  
inzh.; VARDEV, Petko, inzh.

Spray drying and utilization as pigment of the softening  
installation sludge in thermoelectric power plants in the  
rubber industry. Tekhnika Bulg 13 no. 2: 20-22 '64.

DONCHEV, St.; KHADZHOV, Bl.; VELEV, V.; ZHEKOV, Zh.

. Combustion of the Maritsa-Istok and Black Sea coals in  
horizontal cyclone furnaces. Godishnik khim tekhn 9 no.3:  
45-58 '62 [publ. '63]

DONCHEV, St.; IORDANOV, P.; DRAGANOV, I.

Fighting against scrrification of the heating surface in  
the TP-170-1 boiler of the Thermoelectric Plant, Sofia.  
Godishnik khim tekhn 9 no. 3:59-73 '62 [ publ. '63]

DONCHEV, S.

Parallel functioning of steam generators and fuel-burning boilers. p. 23.  
(TEZHKA PROMISHLENOST. VOL. 3, No. 11, 1954)

SO: Monthly List of East European Accession, (EEAL), LC, Vol. 4, No. 9,  
Sept. 1955, Uncl.

DONCHEV, S.; LOZANOV, N.

Burning the waste product received from enriching the fuel from G. Dimitrov Mine  
in the Central Enriching Factory on chain grates. p. 51.  
Thematic outline for directing the creative activity of inventors and rationalizers  
for solution of most important problems during 1956. p. 56.

TEZHKA PROMISHLENCST. Vol. 5, no. 5, 1956

Sofia, Bulgaria

SOURCE: East European Accessions List (EEAL) Library of  
Congress, Vol. 6, No. 1, January 1957

DONCHEV, S.

"Investigation on the model of the movement of fuel on a rotating grate."

p.31 (Tezhka Promishlenost, Vol. 7, no. 3, Mar. 1958, Sofia, Bulgaria)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 8, August 1958

DONCHEV, St.; VELEV, V.; GEORGIEV, At.

Causes of the soiling of heating surfaces in steam boilers fed  
with fuels rich in carbonates. Godishnik khim tekhn 8 no.2:  
153-173 '61 [publ. '62].



DONCHEV, Stefan, insh.; KHADZHOV, Blagoi, insh.; ZHEKOV, Zheko, insh.;  
VELEV, Velo, insh.

Research on burning of black and brown coal in horizontal cyclone  
furnace. Tekhnika 10 no.9:24-28 '61.

(Coal) (Furnaces)

DONCHEV, St.; BALTOV, Iv.; VULKOV, P.

Slow thermal decomposition of the Pernik Mine coal in the temperature range of 200 to 800°C. *Godishnik khim tekhn* 9 no. 1:121-132 '62 [publ. '63].

DONCHEV, Stefan, dots. inzh.

Stoppage of steam boilers. Tekhnika Bulg 11 no.10:381-382 '62.

DONCHEV, Stefan

Application of gradual evaporation for the increase of efficiency  
in boiler aggregates. Elektroenergiia 13 no.9:27-30 S '62.

DONCHEV, Stefan; BALTOV, Ivan

Slow thermal decomposition of the coal of the Bobov Dol Mines  
at a temperature interval of 200 to 800°C. Khim i industriia  
34 no.4:124-128 '62.

B/005/63/000/002/001/001  
D274/D308

AUTHORS: Donchev, St. and Yordanov, P.

TITLE: Possibilities of intensifying heat exchange by means of turbulizers

PERIODICAL: Mashinostroene, no. 2, 1963, 32-34

TEXT: The intensification of heat exchange between gases can be achieved by improving the coefficient of heat loss  $\alpha$  from the hot gas to the wall of the tube and from there to the cold gas. When the gas moves in a tube with circular cross section, the laminar layer at the wall of the tube can be destroyed by turbulizing the gas current with the aid of diaphragms, which leads to an increase of  $\alpha$ . According to B.P. Teben'kov, gas temperature affects heat loss. The turbulizers increase the resistance of the gases  $\Delta p$ , which affects operating costs. The experiments were carried out with different turbulizers (see Fig. 1) in order to establish the dependence of  $k$  and  $\Delta p$  on the form and pitch of the turbulizer. Turbulizers I, II, V, VI, VII, VIII are made of steel wire with a diameter of 2 mm, and  
Card 1/3

Possibilities of intensifying ...

B/005/63/000/002/001/001  
D274/D308

III and IV - of tin 1 mm thick. In the heat exchanger, the heat of the tube is conducted to the cold air by transversal flow. The speed of the two gases is such as to secure turbulent flow. The air which transmits its heat is heated to a final temperature of approx. 360°C. The resistance  $\Delta p$  was found from the difference between the static pressures at the ends of the tube. The heat conduction coefficient  $k$  was determined by 'the method of the heat exchanger'. The results of the experiments show that the screw turbulizers III and IV are not successful. The largest increase in  $k$  can be achieved by turbulizers VII and VIII; in VI, V and II efficiency decreases and is lowest in I. When turbulizers are of the same type, those with a smaller pitch are more effective. When  $k$  increases  $\Delta p$  also increases. Turbulizers II - V have almost the same  $\Delta p$ ,  $k$  being largest in the case of V. Therefore V is most effective from the point of view of power. There are 5 figures and 1 table.

Card 2/3

DONCEV, Stefan [Donchev, Stefan]

Nest ecology of avocets (*Recurvirostra avocetta* L.) in  
Bulgaria. *Fragmenta Balk Skopje* 4 no. 23:177-184 '63.

1. Zoological Institute of the Bulgarian Academy of Sciences.



DONCHEV, St.

Accelerated thermal decomposition of coal from the Bobov Dol  
State Mining Enterprises in the temperature interval of 200°-  
800° C. Khim. i industriia 35 no.4:123-127 '63.

DONCHEV, T.

Heating bandages. Khirurgiia (Sofia) 18 no.5:588-589 '65.

1. Katedra po bolnichna khirurgiia (rukovoditel - prof. K. Stoianov), Institut z spetsializatsiia i usuvurshenstvuvane na lekarite, Sofia.

DONCHEV, ZH.

Notes on the forms of some of the Turkey oaks in Albania; preliminary report,  
p. 111.

NAUCHNI TRUDOVE. Vissh lesotekhnicheski institut. Sofia, Bulgaria, Vol. 6, 1958.

Monthly list of East European Accessions (EEAI) LC, Vol. 9, No. 1, January 1960.

Uncl.

DONCHEV, Zh. B., Cand Bio Sci -- "Typology of the lands,  
applicable for afforestation, <sup>Balchik</sup> the example being the Balchik  
coast of the Black Sea--Bulgaria." Mos, 1961. (Mos Order  
of Lenin and Order of Labor Red Banner State U im M. V.  
Lomonosov. Biol-Soil Fac) (KL, 8-61, 236)

- 114 -  
- 143 -

DONCHEV, Zh.B.

Nonleaching type of water balance in connection with soil typology  
and vegetation. Pochvovedenie no.3:93-96 Mr '62. (MIRA 15:7)

1. Vysshiy lesotekhnicheskiy institut, Sofiya.  
(Soil moisture)

DONCHEVA, D.

1. V. ZADNY (Deputy Minister - Administration) Ministry of Agriculture, Law and Pastures from Improved Fowl Productive Poultry and Pastures from Improved Fowl (our materials), pp 1-2.
2. Boris ZADNY (Prof) - Report of Composition of Pasture or Constitution of Jurals Poultry Farm, pp 3-4.
3. Dikar VAKULICH, One of Our Pastures (Pasture from Poultry, No. 7) is Available, pp 8-10.
4. Dikar SHERSHOR (Senior Scientific Associate, Institute of Poultry, not identified) and Dikar VAKULICH (Senior Associate, Institute of Poultry, not identified) - Report of Poultry Farming in Plovdiv; Efficient Use of Poultry Pastures, pp 11-14.
5. Boris ZADNY: Increase in Production in our Poultry Farm, pp 15-16.
6. Dikar ZADNY and Dikar ZADNY: Causes of Non-Infected Gastro-intestinal Disturbances in Poultry and Means of Preventing their Occurrence, pp 16-24.
7. Dikar ZADNY (Senior Research Associate, CITA) - Report of Poultry Farming in Plovdiv A and Carcass Concentration - Report, pp 15-26.
8. Dikar ZADNY: The Poultry Industry in the City of Plovdiv, pp 27-29.
9. Dikar ZADNY (Senior Research Associate, CITA) - Report of Poultry Farming in Plovdiv A and Carcass Concentration - Report, pp 29-33.
10. Dikar ZADNY (Senior Research Associate, CITA) - Report of Poultry Farming in Plovdiv A and Carcass Concentration - Report, pp 34-35.
11. Dikar ZADNY (Senior Research Associate, CITA) - Report of Poultry Farming in Plovdiv A and Carcass Concentration - Report, pp 37-42.

(continued)

~~DONCHEVA, Moya T~~  
~~Surname (in caps); Given Name~~

Country: Bulgaira

Academic Degrees: not indicated

Affiliation: Teacher in the village of Pravoslav, Stara Zagora Okrug

Source: Sofia, Biologiya i Khimiya, No 2, 1961, pp 40-47

Data: "The Connection Between Biological Schooling and Agricultural Production." (Report read at a pedagogic meeting in Sofia in November 1960).

DONCHEVA, Madzhda

Photorelays for bus bar protection. Izv Inst energ BAN 34203-212  
'62.



NIKOLOV, B.; DONCHEVA, T.

Abnormalities of individual teeth and their therapy. Nauch. tr. vissh.  
med. inst. Sofia 39 no.5:45-54 '60.

1. Predstavena ot Prof. B. Boianov, rukovoditel na Katedrata po orto-  
pedichna stomatologija.

(ORTHODONTICS)

DONCHEVA, T.

Orthodontic therapy of false and true prognatism. Nauch. tr. vissh.  
med. inst. Sofia 39 no.5:109-117 '60.

1. Predstavena ot prof. B. Boianov, rukovoditel na Katedrata po orto-  
pedichna stomatologija.

(PROGNATISM ther)

DONCHIK, I.P.

Machine tools manufactured in West Germany. Mashinostroenie  
no.1:116-119 Ja-F '62. (MIRA 15:2)  
(Germany, West—Machine-tool industry)

DONCHIK, I.P.

Multiple machining of parts in Czechoslovakian plants. (MIRA 15:9)  
Mashinostroenie no.4:124-126 J1-Ag '62.  
(Czechoslovakia—Metal cutting)

TSYPLAKOV, I.S.I.; DONCHIK, I.P.

New foreign machine tools. Mashinostroenie no.6:113-117 N-D  
'62. (MIRA 16:2)

(Machine tools)

DONCIU, C.

The Dorfertal-Huben Project. Metecrologia hidrol gosp 7  
no.4:306-307 '62.

DONCIU, C.

Computation abaci of potential evapotranspiration and water  
balance in the ground. Meteorologia hidrol gosp 8 no.1:40-  
46 '63.

DONCIU, Constantin

Everlasting circulation of water. St si Teh Buc 16 no. 3:  
30-31 Mr '64.

1. Cercetator I.M.C.



~~POPESCU~~ ~~POPESCU~~  
SURNAME, Given Names

7  
DONCIU, ELENA

Country: Rumania

Academic Degrees:

Affiliation: -not given-

Source: Bucharest, Farmacia, Vol IX, No. 9, Sep 1961, pp 529-539.

Data: "Preparations with Undecylenic Acid and Its Derivatives."

Authors:

POPESCU, G., -Prof.-

BRAILEANU, Cl., -Farm. Dr.-

POPVICI, N., -Pharmacist.-

STANESCU, V., \*Pharmacist.-

BADESCU, I., -Pharmacist.-

NICULESCU, V., -Dr.-

WOLKONSKY, Al., -Dr.-

DONCIU, Elena, -Dr.-

GPO 981643

DINULESCU, G.; STOENESCU, D.; MANOIU, I.; RAUGHBACH, C.; DRAGOIU,  
I.; DOMGIU, Iv.; FRUCHTER, J.

Study of piperazine as an anthelmintic in ascariasis,  
ankilostomiasis and trichuriasis in dogs. Stud. cercet. inframicrobiol  
Bucur. 6 no. 1-2:285-298 Jan-June 55.

(HELMINTH INFECTIONS  
in dogs, ther., piperazine)  
(PIPERAZINES, ther. use  
helminth infect. in dogs)  
(DOGS, diseases  
helminth infect., ther., piperazine)  
(HOOKWORM INFECTION  
in dogs, ther., piperazine)

*DO NCIU, I*  
DINULESCU, G.; STONEDESCU, D.; RAUCHBACH, C.; MANOIU, I.; NEGRU, D.;  
DO NCIU, Ivanca; DRAGOI, I.; LOVIN, D.

Studies of the invasive elements in parasitoses in dogs. Stud.  
cercet. inframicrobiol., Bucur. 6 no.3-4:587-593 July-Dec 1955.

(PARASITIC DISEASES

intestinal, in dogs, etiol. & transm.)

(GASTROINTESTINAL DISEASES

parasitic, in dogs, etiol. & transm.)

*Unpublished*  
DINUDESCU, Gh.; STOMNESCU, D.; RIGMAN, T.; RAUCHBACH, G.; DRAGOI, I.; SOZANSCHI, M.;  
NECHU, D.; DONCIU, Iv.; GIUGLEA, M.

Studies of the incidence of several helminth infections in humans and  
the relation of the latter to canine helminthiasis. Stud. cercet.  
inframicrobiol., Bucur. 8 no.2:297-303 1957.

1. Comunicare prezentata la Institutul de inframicrobiologie al Academiei  
R.P.R. in sedinta din 17 octombrie 1956.

(HELMINTH INFECTIONS, epidemiology  
in rural Rumania, incidence & distribution, relation to  
canine helminthiasis)

Abstract Infection with helminths of the servants (12) and in dogs (18)  
from the same nurseries was studied. In human beings there were principally  
found the helminths peculiar to man and much rarely those common to both man and dog.

DONCIU, M., prof. (Bucuresti)

The Ciucas Massif. Natura Geografie 17 no.2:70-75 Mr-Ap  
'65.

*ДОКЛАД, 42.*

TOROPOV, N. A.; GALAKHOV, F. Ya.; ДОУД'ЯР, Яа.

Systems (Chemistry)

Structural diagram of the ternary system  $\text{BaO}-\text{Al}_2\text{O}_3-\text{SiO}_2$ . Dokl. AN SSSR 89, No. 1, 1953.

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

Country : USSR T  
Category= : Human and Animal Physiology, The Nervous System  
Abs. Jour. : Ref Zhur Biol, No. 2, 1959, No 8437  
Author : Dondareva, N.V.  
Institut. : The Belorussian Institute for Medical Training  
Title : Changes in the Nervous System associated with  
Typhoid Fever.  
Orig. Pub. : Sb nauch. rabot. Belopussk. in-t usoversh.  
vrachey, 1958, 1, 185--187  
Abstract : no abstract

Card: 1/1

BONDARENKO, S.A.; BONDAREVSKIY, S.M.; KHILIN, M.S.; KATS, Ye.A. (g. Kuybyshev); KRIVOV, N.V. (Stalinskaya oblast'); MULTANOVSKIY, V.V.

Teachers' letters on a physics textbook. Fiz. v shkole 17 no.3: 76-77 My-Je '57. (MLRA 10:6)

1. 5-ya srednyaya shkola, g. Kamensk-Shakhtinskiy (for Bondarenko).
2. 10ya srednyaya shkola, st. Kiyev (for Bondarevskiy).
3. 1-ya srednyaya shkola, Belgorodskaya oblast', g. Gubkin (for Khilin).
4. 1-ya Belokholunitskaya srednyaya shkola Kirovskoy oblasti (for Multanovskiy).

(Physics--Textbooks)



L 8161-66 EPF(n)-2/ENT(1)/T-2/ETC(m) WW/DJ

ACC NR: AP5025004

SOURCE CODE: UR/0286/65/000/016/0063/0064

AUTHORS: Donde, A. L.; Chechel'nitskiy, G. G.

ORG: none

TITLE: Sorption vacuum pump. Class 27, No. 173875 [announced by Physico-technical Institute of the AN UkrSSR (Fiziko-tehnicheskiy institut AN UkrSSR)]

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 16, 1965, 63-64

TOPIC TAGS: sorption pump, vacuum pump, pump

ABSTRACT: This Author Certificate presents a sorption vacuum pump consisting of a body with a screen for the sorbent, electric heaters which are switched on during regeneration periods, and a Dewar container which is placed over the body during pumping (see Fig. 1.). To speed the sorbent cooling and heating and to increase its active area, the body is equipped with vertical ribs while the screen is in the shape of a many-sided star. In another version the body at the inlet is equipped with a louvered screen to prevent contamination of the sorbent with steam, carbon dioxide, and other high condensating temperature gases.

Card 1/2

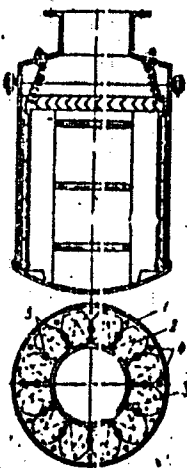
UDC: 621.521

L 8161-66

ACC NR: AP5025004

0

Fig. 1. 1- body; 2- screen;  
3- sorbent; 4- heaters;  
5- ribs



Orig. art. has: 1 figure.

SUB CODE: ME/ SUIM DATE: 07Oct64

jw

Card 2/2

L 52200-65 EWT(d)/EWT(1)/EWT(m)/EPP(c)/EEC(k)-2/EPP(n)-2/EWA(d)/EPR/T/EMP(t)/ERP(k)/  
ERC(s)/EWI(b)/EWA(c) PF-4/Pr-4/Pu-4 IJP(c) JD/WH/HA/CS  
ACCESSION NR: A15010254

01/07/0109

AUTHORS: Donda, A. L.; Fomenko, N. S.; Khotkevich, V. I.

60  
B+

TITLE: Cryostat for x-ray structure investigations of deformed metals at low temperatures

SOURCE: Machiny i pribory dlya izpytaniya metallov i plastmass (Machines and instruments for testing metals and plastics); sbornik statey. Moscow, Izd-vo Mashinostroyeniya, 1965, 107-109

TOPIC TAGS: metal, metal deformation, metal structure, x ray structure analysis, x ray technique, cryostat, cryogenic gas

ABSTRACT: A metallic cryostat was developed for testing the structural characteristics of metals deformed at low temperatures. The cryostat (see Fig. 1 on the reverse side) has beryllium windows 11 for x-ray preparation and beryllium windows 15 on the side of a Dewar flask 5 for viewing the specimen. The specimen is placed in the chamber of the x-ray camera. The cryostat is cooled by liquid helium or liquid nitrogen. The upper part of the flask is attached to Dewar flask 5 filled with nitrogen. Thermal protection of the lower part of Dewar flask 5 is rendered by a copper screen 9, whose temperature is that of liquid nitrogen. Specimens are deformed by means of the wrench 10 applied through the

L 5220C-65

ACCESSION NR: AT5010254

force transmitting system 6 and 7 to the specimen held between two plates at 8. Additional elements are for positioning the specimen for x-ray readings and for controlling ambient conditions during the execution of readings. Orig. art. has: 1 figure.

ASSOCIATION: none

SUBMITTED: 15Dec64

ENCL: 01

SUB CODE: MM

NO REF SOV: 000

OTHER: 000

TD

Card 2/3

L 52200-65

ACCESSION NR: AT5010254

ENCLOSURE: 01

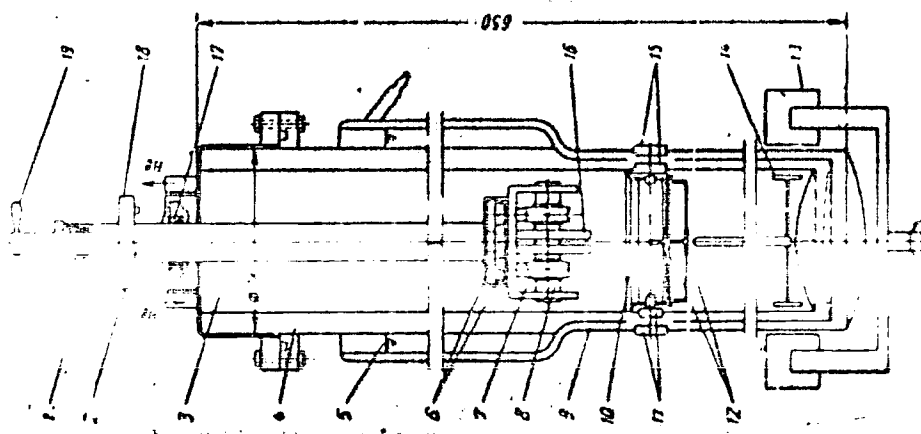


Fig. 1. Diagram of cryostat for X-ray structural investigations of deformed metals at low temperatures

Card 3/3

ACC NR: AP6022020

SOURCE CODE: UR/0120/66/000/003/0167/0168

AUTHOR: Donda, A. L.

ORG: Physico-Technical Institute, AN UkrSSR, Khar'kov (Fiziko-tehnicheskii institut AN UkrSSR)

TITLE: Adsorption pump with a louvered screen

SOURCE: Pribery i tekhnika eksperimenta, no. 3, 1966, 167-168

TOPIC TAGS: adsorption pump, liquid hydrogen, high vacuum pump

ABSTRACT: The design of a high vacuum adsorption pump with an externally located adsorbant, protected from radiation by a louvered screen, is described. When the adsorbant is cooled with liquid nitrogen, the maximum vacuum is equal to  $6-8 \cdot 10^{-8}$  mm Hg and when it is cooled with liquid hydrogen, the maximum vacuum is less than  $10^{-8}$  mm Hg. The pump consists of a copper vessel filled with liquid nitrogen. The external surface of the vessel contains a layer of activated charcoal with a thickness of approximately 10 mm. Copper ribs are used to improve the cooling of the charcoal and the adsorbant is supported by a copper screen on the outside. The vessel together with the adsorbant is placed inside a cylindrical latticed screen and is soldered to the latter for good thermal contact. The external location of the adsorbant rather than its location inside the cold cavity is more advantageous because it does not produce

UDC: 621.528.4

Card 1/2

ACC NR: AP6022020

additional resistance which decreases the pumping rate. The use of the latticed screen somewhat increases the resistance to the pumped gas but lowers the temperature of the adsorbant substantially. This provides for an increase in the pumping rate and in the maximum value of the vacuum that can be achieved. Additionally, the screen protects the adsorbant from water vapor, carbon dioxide and other easily condensed gases. The author expresses his gratitude to B. G. Lazarev and Ye. S. Borovik for their interest and valuable advice. The author also thanks A. P. Sheynin and G. A. Tavuchnyanskiy for quickly fabricating a high quality pump. Orig. art. han: 2 figures.

SUB CODE: 20,14/      SUBM DATE: 10May65/      ORIG REF: 006

Card 2/2

DONDE, G.D.

Instrument for determining the modulus of elasticity of a paint film  
applied to a base. Lakokras.mat. i ikh prim. no.2:67/69 '63.

(MIRA 16:4)

(Paint--Testing)



L. 5193-65 EWT(m)/EWA(d)/EWP(t)/EWP(k)/EWP(z)/EWP(b)/EWA(h)/EWA(c) JD/HW  
ACC NR: AP5024975 SOURCE CODE: UR/0286/65/000/016/0039/0039

INVENTOR: Sokolov, S. A.; Donda, L. I.; Nikolayev, V. P.; Rakhman, L. Ts.

ORG: none

TITLE: Method of manufacturing thin-wall, spring-steel shapes. 22  
B  
Class 18, No. 173789 16

SOURCE: Byulleten' izobretaniy i tovarnykh znakov, no. 16, 1965, 39

TOPIC TAGS: spring, steel spring, thin wall spring, shaped spring

ABSTRACT: This Author Certificate introduces a method of manufacturing thin-wall, spring-steel shapes. In order to obtain precise form and prescribed mechanical properties, the spring strip is heated above the AC<sub>3</sub> point, cooled to 300—320C, drawn through forming dies at this temperature, wrapped with a narrow steel band, air cooled, cut in pieces, tempered, put on the mandrel, wrapped in glass cloth, and retempered. [WW]

SUB CODE: MM/ SUBM DATE: 26Jul62/ ORIG REF: 000/ OTH REF: 000/

ATD PRESS: 4/32

Card 1/1 *ked*

UDC: 621.785.79—272.272

YAKUBOVICH, S.V.; MASLENNIKOVA, N.L.; SANZHAROVSKIY, A.T., Prinimani  
uchastiye: KRUCHININA, G.I.; DONDE, L.V.; KARYAKINA, L.A.

Studying the internal stresses and mechanical properties of  
paints based on cellulose nitrates during their atmospheric aging.  
Lakokras.mat. i ikh prim. no.2:37-40 '64. (MIRA 17:4)

DONDE, M.

At the by-product coking section of the Chelyabinsk Metal-  
lurgical Plant. Koke i khim. no.2:62 '60.  
(MIRA 13:5)  
(Chelyabinsk--Coke industry--Equipment and supplies)

*DONDE, M.M.*

APONIN, K.B.; BURTSEV, K.I.; BYSTROV, S.N.; VINETS, G.B.; VODNEV, G.G.; VORONIN, A.S.; GEVLICH, A.S.; GRYAZNOV, N.S.; GUDIM, A.F.; GUSYATINSKIY, M.A.; DVORIN, S.S.; DIDENKO, V.Ye.; DMITRIYEV, M.M.; DONDE, M.M.; DOROGOBID, G.M.; ZHDANOV, G.I.; ZAGORUL'KO, A.I.; ZELENETSKIY, A.G.; IVASHCHENKO, Ya.N.; KAPTAN, S.I.; KVASHA, A.S.; KIREYEV, A.D.; KLISHEVSKIY, G.S.; KOZYREV, V.P.; KOLOBOV, V.N.; LGALOV, K.I.; LEYTRS, V.A.; LERNER, B.Z.; LOBODA, N.S.; LUBINETS, I.A.; MANDRYKIN, I.I.; MUSTAFIN, P.A.; NEMIROVSKIY, N.Kh.; NEFEDOV, V.A.; OBUKHOVSKIY, Ya.M.; PIRTSEV, M.A.; PETROV, I.D.; PODOROZHANSKIY, M.O.; POPOV, A.P.; RAK, A.I.; HEVYAKIN, A.A.; ROZHKOV, A.P.; ROZENGAUZ, D.A.; SAZONOV, S.A.; SIGALOV, M.B.; STOMAKHIN, Ya.B.; TARASOV, S.A.; FILIPPOV, B.S.; FRIDMAN, N.K.; FRISBERG, V.D.; KHAR'KOV-SKIY, K.V.; KHLOPOTSEV, V.P.; TSAREV, M.N.; TSOGLIN, M.E.; CHERNYI, I.I. CHERTOK, V.T.; SHKLIKOV, A.K.

Samuil Berisevich Banne.Keks 1 khim.ne.6:64 '56.

(MLRA 9:10)

(Banne, Samuil Berisevich, 1910-1956)

LAZOVSKIY, I.M.; ~~DOMIN, M.V.~~; P'YANKOV, Ye.A.

Averaging coals and blended charges in the piles and in the preparation section of the cepruct coke plant. Koks 1 khim.no.2:12-17 '56.  
(MIRA 9:7)

1.Vestechnyy uglekhimicheskiy institut (for Lazovskiy).2.Chelyabinskiy metallurgicheskiy zavod.  
(Coal handling)

80V/68-59-9-4/22

AUTHORS: Donde, M.V., Kagasov, V.M. and Krivousov, A.A.

TITLE: Blending of Coals on a Coal Stock Yard

PERIODICAL: Koks i khimiya, 1959, Nr 9, pp 10 - 12 (USSR)

ABSTRACT: An outline of the mechanised coal stockyard at the Chel-yabinsk Metallurgical Works (Figure 1) and the results of its operation as a blending plant are given. The stock-yard is in two symmetrically situated parts 200 m by 76 m, each with a travelling bridge crane. The delivered coal is tipped and passed into bunkers from which it is transferred into the trench running along the yard. From the trench coal is spread in thin layers by the controlled opening of the travelling grab, forming regular piles (Figure 2). The recovery of the blended coal is done by removing with the grab either the whole cross-section or a part of the cross-section of the pile, depending on the width of piles. Special investigations were carried out in order to determine the degree of blending obtained. Properties of the individual coal types comprising the blend - Table 1; variability of the properties of coals during stocking and recovered from the stock - Table 2.

Card 1/2 The results obtained indicated that a high degree of

SOV/68-59-9-4/22

Blending of Coals on a Coal Stock Yard

blending was obtained e.g., standard deviation for ash was reduced from 1.0 to 0.50 - 0.36, for volatile content from 1.02 to 0.36 and for swelling index from 32.8 to 21.6.. It is concluded that the operation of the stock yard as a blending medium is satisfactory.

There are 2 figures, 2 tables and 5 Soviet references.

ASSOCIATION: Chelyabinskiy metallurgicheskiy zavod  
(Chelyabinsk Metallurgical Works)

Card 2/2

DONDE, M.Y.; KAGASOV, V.M.; FOMIN, A.P.; LAZOVSKIY, I.M.

Extent and method of filling silos as factors affecting the  
accuracy of proportioning the components of coal charges.  
Koks i khim. no.2:16-18 '60. (MIRA 13:5)

1. Chelyabinskiy metallurgicheskiy zavod (for Donde, Kagasov,  
Fomin).
2. Vostochnyy uglekhimicheskiy institut (for Lazovskiy).  
(Coal--Carbonisation)



DOBROVOL'SKIY, I.P.; DONDE, M.V.; NEMIROVSKIY, N.Kh.

Certain problems involved in the planning and operating of pitch  
coke units. Koks i khim. no.1:33-37 '61. (MIRA 14:1)

1. Chelyabinskiy metallurgicheskiy zavod.  
(Chelyabinsk—Coke)

DONDE, M.V.; FOMIN, A.P.

Effect of the design of hammer mills and their operating conditions  
on the size reduction of coal charges. Koks i khim. no.4:12-16  
'61. (MIRA 14:3)

1. Chelyabinskiy metallurgicheskiy zavod.  
(Coal preparation) (Crushing machinery)

DONDE, Rudol'f Grigor'yevich; RYABKOV, Yevgeniy Nikolayevich;  
CHISTOVICH, S.A., nauchnyy red.; DESHALYT, M.G., ved. red.;  
YASHCHURZHINSKAYA, A.B., tekhn.red.

[Handbook on fittings and indicating and recording instruments  
for gas piping of industrial enterprises] Spravochnik po gazo-  
voi armature i kontrol'no-izmeritel'nym priboram dlia pro-  
myslennykh predpriatii. Leningrad, Gostoptekhzdat, 1962.  
363 p. (MIRA 15:11)

(Gas pipes)

(Pipe fittings)

DONDE, S.D.

Speeding up the construction of the Great Condopoga. Bum.prom.  
35 no.11:10 N '60. (MIRA 13:11)

1. Nachal'nik Kondopozhskogo stroitel'no-montazhnogo upravleniya  
Karel'skogo sovnarkhosa.  
(Condopoga--Paper industry--Equipment and supplies)

DONDE, V.N.

The T-75 tractor. Biul.tekh.-ekon.inform. no.5:47-49 '60.

(Tractors)

(MIRA 14:3)

IONDE, V.N.

The T-50B tractor. Biul.tekh.-ekon.inform. no.8:52-53 '60.

(Tractors)

(MIRA 13:9)

KASHUBA, B.P.; DONDE, V.N.; ZELIKOVSKIY, L.M.; KARMAZIN, E.I.;  
KUT'KOV, G.M.; LINCHEVSKIY, V.V.; OGIY, G.Ye.; SEPITYY,  
V.T.; SKVORTSOV, V.F.; BANNIKOV, S.A., red.; PESTRYAKOV,  
A.I., red.; BALLOD, A.I., tekhn. red.; GUREVICH, M.M.,  
tekhn. red.

[The T-75 tractor; design and operation] Traktor T-75;  
ustroistvo i ekspluatatsiia. Moskva, Izd-vo sel'khoz. lit-  
ry, zhurnalov i plakatov, 1961. 335 p. (MIRA 15:2)  
(Tractors)

KASHUBA, B.P.; KOVAL', I.A.; VAKHTEL', V.Yu.; DONDE, V.N.;  
YEREMENKO, B.S.; ZELIKOVSKIY, L.M.; ~~KARMAZIN, E.I.~~;  
LINCHEVSKIY, V.V.; OGIY, G.Ye.; SEPITYY, V.T.;  
PESTRYAKOV, A.I., red.

[The T-74 tractor; its design, operation and maintenance]  
Traktor T-74; konstruktsia, ekspluatatsia, ukhod. Mo-  
skva, Kolos, 1964. 204 p. (MIRA 18:4)



8(5)

SOV/115-59-2-23/38

AUTHOR:

Donde, Yu.Ya.

TITLE:

High Voltage Test Equipment (Vysokovol'tnaya pover-  
ochnaya ustanovka)

PERIODICAL:

Izmeritel'naya tekhnika, 1959, v. 20 Nr 2, pp 41-43  
(USSR)

ABSTRACT:

The paper describes a piece of high voltage test equip-  
ment, consisting of two completely independent sections:  
one for checking high voltage measuring devices, the  
other for testing the degree of electric insulation of  
such devices. The equipment was developed in the  
Measure-Control Laboratory of the Moscow Electric Bulb  
Plant with the cooperation of I.S.Nefedov, A.V.Podgur-  
skiy and E.A.Matskevich. This equipment is highly  
suitable for checking high voltage measuring devices of  
up to 35 kv on ac and up to 10 kv on dc and for insula-  
tion testing. It is simply designed and easy to operate.  
There is 1 circuit diagram.

Card 1/1

25(6)

S/115/60/CCO/02/024/031  
D002/D003

AUTHOR: Donde, Yu. Ya.

TITLE: On the Activity of Measuring Laboratories of Plants

PERIODICAL: Izmeritel'naya tekhnika, 1960, Nr 2, pp 57-59 (USSR)

ABSTRACT: This periodical has started publishing an exchange of ideas on the organization and work of measuring laboratories of plants. The article contains remarks and recommendations on the tasks of plant laboratories, based on the experience of the Kontrolno-izmeritel'naya laboratoriya Moskovskogo elektrolampovogo zavoda (Checking-Measuring Laboratory of the Moscow Electric Lamp Plant). The author considers one central plant laboratory more practical than several separate laboratories, and recommends the concentration of all design work in it. The institutes of the Komitet standartov, mer i izmeritel'nykh priborov (Committee of Standards, Measures and

Card 1/2

S/115/60/000/C2/024/031  
D002/D003

On the Activity of Measuring Laboratories of Plants

~~Measuring Devices~~) and GKL must radically change the guidance work of plant laboratories. VNIIC's work consists, for instance, in an inspection only once every six months. The character of the inspection which is still very much bureaucratic, should be changed. The plant laboratories should be provided with complete checking equipment. Specialized repair shops should be created at big industry centers to replace the multitude of small repair organizations. It is concluded that information on new instruments and devices must be regularly provided by the institutes and GKL. ✓

Card 2/2

DOYDE, Yu.Ya.; PISAREVSKAYA, M.A.

Using alternating current in graduating industrial optical  
pyrometers. Izv.tekh. no.9:29-30 S '60. (MIRA 13:9)  
(Pyrometers)

VORONTSOV, B.N.; PEREL'SHTEYN, Ye.L.; DONDE, Yu.Ya.; DRUKER, Z.I.

New principles for determining the compulsion of official testing of measuring instruments. Izv. tekh. no. 5:58-61 My '61.

(MIRA 14:5)

1. Zamestitel' Nachal'nika Tsentral'noy izmeritel'noy laboratorii Gor'kovskogo avtomobil'nogo zavoda (for Vorontsov). 2. Nachal'nik laboratorii elektricheskikh izmereniy zavoda DINAMO imeni S. M. Kirova (for Druker).

(Measuring instruments--Testing)

DONDE, Yu.Ya.

Widening measurement ranges of magnetolectric voltmeters and  
kilovoltmeters. Izv.tekh. no.3:47-48 Mr '63. (MIRA 16:4)  
(Voltmeter)

DONDERA, N.

Securing necessary cadres for the socialist agriculture. Probleme econ  
15 no.1:31-45 Ja '62.

KAMINSKI, Jerzy; DONDERSKI, Wojciech

Sporulation of Lactobacilli. Med. dosw. mikrobiol. 17 no.3:  
233-238 '65.

1. Z Pracowni Mikrobiologii Ogolnej UMK w Toruniu (Kierownik:  
prof. H. Karnicka).



DONDEV, Ivan

*Paspalum distichum* L. in the Struma River Valley. Izv Inst bot  
BAN 13:165-168 '64.

USSE/Cultivated Plants - Medicinal. Essential Oil-Bearing.  
Toxins.

M

Abs Jour : Ref Zhur - Biol., No 12, 1958, 53870

Author : Dondik, A.S.

Inst : Smolensk State Pedagogical Institute

Title : The Phytoncidity of Seeds of Vegetable Cultures.

Orig Pub : Uch. zap. Smolenskogo gos. ped. in-ta, 1956, vyp. 3,  
145-156

Abstract : The seeds of a number of vegetable plants were tested with regard to phytoncide content. The tables show the toxic effect of volatile phytoncides and of the phytoncidic vegetable juices obtained from seeds and from various organs (sprouts, leaves, cuttings, roots) of the vegetable plants - on one of the simplest animals - *Stylonichia mytilus*. The article gives a characteristic

Card 1/2

USSR/Cultivated Plants - Medicinal. Essential Oil-Bearing.  
Toxins.

M

Abs Jour : Ref Zhur Biol., No 12, 1958, 53870

of the vegetable plants containing phytoncides. -- A.G.  
Vyshny

Card 2/2

- 153 -

DONDIK, B., shturman dal'nego plavaniya.

Analytical graphic method of calculating a ship's position at sea according to bearings of sonal radio beacons. Mor. i rech. flot lit no.5:15-16 My '54. (MLRA 7:7)  
(Radio in navigation)