

(CSO:0017-0)

Topography of the Upper Boundary of Clouds, by
I. V. Bugayeva, N. N. Romanov, 17 pp.

RUSSIAN, per, Meteorologiya i Gidrologiya, Vol VII,
1962, pp 40-45.

JPRS: 15,212

Sci-Geophys
Sep 62

211013

Spectral Analysis of Chromium for Impurity
Determination, by E. G. Lifshits, N. I.
Bugayeva, 3 pp.

RUSSIAN, per, Zavod Lab, Vol XXV, No 8, 1959,
pp 952-954.

Instru Soc of Amer

Sci
Aug 60

123,473

Detection of Heterogeneities in the Structure
of the Earth's Mantle Using Travel-Time Curves
of Direct Seismic Waves, by G. N. Dugayevskiy,
16 pp.

USSR, per, Bulleten' Soveta po Geologii,
Isucheniye Vnutrennego Stroyeniya Zemli po Seys-
michestkim Dannym, No 15, 1963, pp- 60-71.
JPRS 30457

USSR
Sci-NS/A
Jan 65

21,535

The Form of Protoplasts of Frozen Meristem Cells,
by M. F. Bugaevsky.

Handwritten: 51,514
RUSSIAN, per, Dok Ak Nauk SSSR, Botanical Sci Sec,
Vol CXII, No 1, pp 146-

Amer Inst of Biol Sci
Jan/Feb 1957

Sci - Biology
Aug 57

The "IL-18" Turboprop Passenger Aircraft, by V. bugay-
skiy, 6 pp.

RUSSIAN, np, Sovet Aviatziya, No 265 (2823), 11 Nov
1957, p 4. *CIA 605774*

ATIC F-TS-9389/III

USSR
Econ
Apr 58

61,771

The IL-18 Airliner, by V. Bugayskiy, G. Markov,
7 pp. UNCLASSIFIED

RUSSIAN, per, Tekhnika Molodezhi, No 12, 1957,
pp 9-11, Encl to IR-1566-58, AFM-1A1.

AF 1189221

USSR
Econ - aviation
Aug 58

70,922

Determination of the Return Loss and the Singing
Margin of Repeater Circuits, by J. Bugdahn, 32 pp.

GERMAN, PER, Fernmeldetech Z, Vol II, No 11,
Nov 1949, pp 359-368.

SLA 57-2509

May 58

63,188

Pick's Disease: Terminal Lateral Amyotrophic
Sclerosis, by P. Lechelle, A. Buge, R. Leroy.
UNCLASSIFIED

FRENCH, per, Bull Soc Des Hop de Paris, Vol LXX,
19 Nov 1954, pp 1090-1094.

Navy 2787/NNCS 551

Sci - Medicine
May 61

150,483

Bugelskii, Yu.
THE USE OF HYDROGEOCHEMICAL METHODS IN
PROSPECTING FOR BERYLLIUM. [1961] 6p.
(2 tables omitted).
Order from OTS or SLA \$1.10

61-23969

Trans. from memo. [Materialy po Geologii Rudnykh
Mestorozhdenii, Petrografii, Mineralogii i Geokhimii]
(Materials on the Geology of Ore Deposits, Petrogra-
phy, Mineralogy and Geochemistry) [Moscow, 1959,
424p.].

DESCRIPTIONS: Beryllium, Geophysical prospecting,
Chemistry, Minerals, Ores, Deposits, Fluorapat,
Hydrology.

Because of the close paragenesis of the beryllium
minerals with fluorite minerals it can be assumed that
(Earth Sciences--Geology, TT, v. 7, no. 7) (over)

61-23969

I. Bugelskii, Yu.
II.. Title: Materials . . .
III. Geological Survey of
Canada

197254

Office of Technical Services

61-23963

Bugelski, Yu. Yu.
THE MIGRATION OF ORE-COMPONENTS IN THE
UNDERGROUND WATERS OF THE COMPOUND
METAL DEPOSITS IN THE EASTERN TRANS-
BAIKAL REGION. [1961] 11p. (2 figs. 2 tables
omitted).

Order from OTS or SLA \$1.60

61-23963

Trans. from mono. [Materialy po Geologii Rudnykh
Mestorozhdenii, Petrografii, Mineralogii i Geokhimii]
(Materials on the Geology of Ore Deposits, Petrogra-
phy, Mineralogy and Geochemistry) [Moscow, 1959,
424p.].

DESCRIPTORS: *Ores, *Hydrology, Water, Metals,
Deposits, Precipitation, Permafrost, Geochemistry,
Geophysical prospecting, Minerals, Rock, Mining
engineering, Chemical analysis.

(Earth Sciences--Geology, TT, v. 7, no. 7)

I. Bugelski, Yu. Yu.
II. Title: Materials . . .
III. Geological Survey of
Canada

197250

Office of Technical Services

The Application of Modern Technologies in the
Mining Industry, by Matyas Bugen, 6 pp.
RUMANIAN, np, Munca, 8 Aug 1964, pp 1, 3.
JPRS 27,366

EE-Rumania
Econ
Jan 65

271,680

The Application of Modern Technologies in the
Mining Industry, by Matyas Buzon, 6 pp.
RUMANIAN, np, Banca, 8 Aug 1964, pp 1, 3.
JPRS 27,366

EE-Romania

Econ

Jan 65

271,680

Survey of the Present and Status of the International
Condition of Steel and Its Scope, by R. C. Eucken,
A. Eucken.

GERMAN, per, Technische Mitteilungen. Vol. 10V,
Feb 1961, pp 80-82.

BISI 2384

Sci - Engr

Jan 62

180, 714

61-12192

Bugge, Arne.

LANDSLIDES FROM TOPOGRAPHIC AND GEOLOGIC
POINT OF VIEW (Fjellskred fra Topografisk og
Geologisk Synspunkt) tr. by Liv Stueland. [1960] 9p.
(14 figs. omitted).

Available on loan from U. S. Geological Survey Library,
Rm. 1033, GSA Bldg., Washington, 25, D. C.

Trans. of Norsk Geog[rafisk] Tidsskr[ift] 1937, v. 6,
no. 6, p. 342-360.

- I. Avalanches--Norway
- I. Bugge, A.
- II. Geological Survey,
Washington, D. C.

Office of Technical Services

(Unannounced)

Bugge, J. and Neumann, H.
A DISCOVERY OF MINERAL COAL IN ESSEXITIC
LAVA, SEMSVIKA, ASKER. [1961] 2p. ATS-41N51N
Order from ATS \$3. 25

Trans. of Norsk Geol[ogisk] Tidsskr[ift] 1938, v. 18,
p. 374-375.

DESCRIPTORS: *Coal, Norway

ATS: 1030 - NJ

(Unannounced)

- I. Bugge, J.
- II. Neumann, H.
- III. ATS-41N51N
- IV. Associated Technical
Services, Inc., East
Orange, N. J.

Office of Technical Services

Edited Proceedings of the Second International Conference on the Peaceful Uses of Atomic Energy. Medical Sciences. (Progress in Nuclear Energy Series VII. Volume 2) by J. C. Bugher, J. Coursaget, M J. F. Loutit.

Geneva 1958.

Pergamon Inst

Sci - Med

Jul 59

Condensation of Steam Mixed with Air in a Vertical
Tube Bundle, by V. T. Buglaev, 14pp
RUSSIAN, per, Investiya Vyschish Uchebnykh Zavedenii
Energetika, Vol 5, 1962, No 7, pp 79-85
OAS 74-64-23531

V. T. Buglaev

Sci - Eng
June 67

329,522

Condensation of Steam and Steam Mixed
with Air in a Vertical Tube Bundle, by
V. T. Buglaev.

RUSSIAN, per, Izvestiya VUZ, Energetika,
1962, No 7, pp 79-85.

MLL RTS 2535 (On Loan or Purchase)

Aug 65

V. T. Buglaev

288,129

A New Testing Instrument for Wood Surfaces,
by B. M. Buglaj.

GERMAN, per, Holzindustrie, Vol VI,
No 10, 1953, pp 295-299.

CSIRO 3661

Sci - Engr

Feb 62

186, 619

Probable Forms of Variable Loading of Machine
Components,
by S. V. Serenson; E. G. Buglov, 5 pp.

RUSSIAN, per, Vest Mashinostroy, Vol XL, No 10,
1960, pp 10-16.

PERA

165, 164

Sci

Aug 61

Strength of Components with Regard to Probability
Indications for Loading and Characteristics of
Fatigue, by S. V. Serensen, E. G. Buglov, 8 pp.

RUSSIAN, per, Vest Mashinostroy, Vol XL, No 11,
1960, pp 23-31.

PERA

169,873

Col

Sep 61

Establishing Conditions of Variable Stressing
for Fatigue Calculations, by S. V. Serensen,
N. A. Bulcharin, E. G. Buglov, 5 pp.

RUSSIAN, per, Vest Mashinostroy, Vol XLI, No 1,
1961, pp 15-21.

PERA

181,064

Sci

Jan 62

Programming of Fatigue Tests for Statistical Loading
by S. V. Serensen, E. G. Buglov, 6 pp

RUSSIAN: per, Zavod Lab, Vol XXV, No 11, 1959,
pp 1352-1357

Instru Soc of Amer

Sci
NOV 60

132,912

S-5419

(NY-2980).

Primary Toxicity in Acute Radiation Sickness,
by Ye. D. Buglov, S. I. Dovgalev, V. G.
Karavayev, 9 pp.

RUSSIAN, per, Med Radiolog, Vol IV, No 8, 1959,
pp 37-41.

JPRS-L-1095-N

Sci - Med - Radiobiology
Dec 59

102,541

Regulation of the Utilization of Radioisotopes in
France, by L. Bugnard, J. Vergne.

FRENCH, paper P/329, Proceedings of International
Conference on Peaceful Uses of Atomic Energy Held
at Geneva 8-20 Aug 1955, Vol XIII.

Internatl Conf -- UN

46, 186

Sci - Nuclear Physics
Apr 57

CIA 1-669.9.162

Two New Species of Helminthosporium Isolated From
Rice Seed, by M. F. Bugnicourt, 7 pp.

FRENCH, per, Rev gen de bot, Vol LXII, 1955,
pp 238-242.

MEM

SLA Tr 1688

Sci - Biol
Apr 1957

46,231 Jan 1957

Species of the Genus *Curvularia* Isolated From
Rice Seed, by F. Bugnicourt, 19 pp.

FRENCH, per, Rev. Gen. Botan, Vol LVII, 1950,
pp 65-77.

S.L.A. Tr 57-93

Sci - Agriculture
Apr 57

46,940

Investigation of the Relative Reactivities of Multiple
Bonds in the Organometallic Compounds of Group IV by the
Thiocyanogen-Value Method, by A. A. Bugorkova, V. F.
Mironov, pp 6

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 3, 1960, pp 474-479.

CB

Sci
May 62

195,359

Contact Conversion of Furanidine, Pyrrolidine and Thiophane. XXII, by A. A. Bugorkovz, 4 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XIX, No 4, 1949.

CIA/FDD/X-281

Scientific - Chemistry

16,729

The Quantitative Determination of Halogen in
Organic Compounds, by A. A. Bugorkova-Zelenetskaya,
E. N. Novikova, L. N. Petrova, 4 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XIV, No 5,
1959, pp 625-627.

CB

Sci
Sep 60

126,259

Thiocyanogenation of Unsaturated Compounds. I.
Thiocyanogenation of Unsaturated Hydrocarbons and
of Silicon-Hydrocarbons, by A. A. Bugorkova,
L. H. Petrova, V. M. Rodionov, 6 pp.

Full translation.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIII,
No 11, 1953, pp 1808-1812. CIA D 151246

Consultants Bureau

Scientific - Chemistry

Apr 55 CTS

22/6/54

Thiocyanogenation of Unsaturated Compounds. II.
Effect of Oxygen-Containing Functional Groups Upon
the Thiocyanogenation Reaction, by A. A. Bugorkova,
L. N. Petrova, V. M. Rodionov, 8 pp.

Full translation.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIII,
No 11, 1953, pp 1813-1821. CIA D 151246

Consultants Bureau

Scientific - Chemistry

Apr 55 GTS

22,615

Thiocyanogenation of Unsaturated Compounds. III.
Thiocyanogenation of the Double Bond Side Chain of
Methoxy- and Methylenehydroxy-Compounds
of the Aromatic Series, by A. A. Bugerkova, L. N.
Petrova, V. M. Rodionov, 4 pp.

Full translation.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIII,
No 11, 1953, pp 1822-1825. C IA D 151246

Consultants Bureau

Scientific - Chemistry Apr 55 CTS

22, 612

Reactivity and Molecular Optical Properties of Alkenyl-
silanes, by A. D. Petrov, Yu. P. Egorov, V. P. Mironov,
G. I. Nikishin, A. A. Bugorkova, 6 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim
Nauk, No 1, Jan/Feb 1956, pp 50-55. CIA 542767 C,
reel 3.

Consultants Bureau

Sci - Chemistry

Aug 1956

37,572

The Determination of Halogen in Halogen-
Containing Compounds, by A. A. Bugorkova-
Zelenetskaya and L. N. Petrova, 3 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XIV, No 3,
1959, pp 381-382.

Consultants Bureau

Sci-Chem

Jun 60

119,645

Concerning the Problem of the Electron
Density of Solar Corona, by Ye. Ya.
Bugoslavskaya, 2 pp.

RUSSIAN, per, Astronomicheskii Tsirkulyar,
No 157, 1955, pp 8, 9.

ATIC MCL-227/1

Sci - Electron

Jul 61

Special Satellite Plate Holder ("Sp. K"), by
Ye. Ya. Bugoslavskaya, 2 pp.

RUSSIAN, per, Byulleten' Stantsii Opticheskogo
Nablyudeniya Iskusstvennykh Sputnikov Zemli,
No 7, 1959.

NASA TT F-19

Sci- Space Res

Jun 60

Cosmos Streamers, by E. Ya. Bugoslavskaya, 3 pp.

RUSSIAN, per, Astron Zhur, Vol XXXIV, No 2, 1957,
pp 233-236.

Amer Inst of Phys
Sov Astron - AJ
~~Abstracts~~
Vol I, No 2

Sci - Astron-

Apr 59

84,090

The Expedition of the Shadrberg State Astronomical
Institute to Observe the Total Solar Eclipse 30 June
1954, by R. Ya. Bugoslavskaya,

RUSSIAN, per, Astron Tsirkuliar, No 151, 1954, p 16.

Am Nat Society

T-42

Sci

Dec 59

103,483

Observations of the Solar Eclipse of 30 June
1954 by Departments of the National Astronomical
Geodesic Society, by E. Ia. Bugoslavskina,
V. A. Bronshten,

RUSSIAN, Izv, Astron Tsirkuliar, No 151,
1954, pp 17-19.

Am Nat Society T-43

Sci

Dec 59

103484

Bugoslavskaya, Ye. Ya.

CONCERNING THE PROBLEM ON THE ELECTRON DENSITY OF SOLAR CORONA (K Voprosu ob Elektronnoy Plotnosti Solnechnoy Korony). 15 Nov 60 [3]p. 3 refs. MCL-227/1.

Order from LC or SLA mi\$1.80, ph\$1.80 61-19443

Rough draft trans. of Astronomicheskii Tsirkulyar (USSR) 1955, no. 157, p. 8-9.

The electron densities of the solar coronas for September 21, 1941 and for August 8, 1914 were recalculated according to the method of A. F. Bogorodskiy and N. A. Khinkulova (Trudy Kievskoy Astron. Observ. 4: 3, 1950) in which consideration is given to the Fraunhofer component according to Grotrian and the anisotropy of light dissipation by electrons. These values were calculated to replace values published previously (Byulleten KISO No. 5-6(19-20): 19, 1950). Inasmuch as the tables are omitted in the present translation (only the table headings are given) the reader will need to have access to a copy of the untranslated article.

61-19443

1. Solar corona--Analysis
2. Electrons--Density
1. Bugoslavskaya, Ye. Ya.
- II. MCL-227/1
- III. Technical Information
- Center, Wright-Patterson
- AFB, Ohio

Office of Technical Services
(Astronomy--Astrophysics,
TT, v. 5, no. 11)

Methods of Controlling the Tightening of Large
Bolts on Turbines, by A. U. Bugov, M. I. Gal'perin,
8pp

RUSSIAN, per, Enyngomashinostroenie, Vol 6,
1960, No 11, pp 28-29

ONS TT-62-2663

CFSJ TT-64-23011

(biv)

A. U. Bugov

Sci - Mach, Fabri and
Accessory Equip

June 67

329,544

93
Calculation of Stress Distribution in the Body of
Spherical Valves for High Head Hydroelectric
Station, by A. U. Bugov.

RUSSIAN, per. Energomashinostrois, No 5, 1962,
pp 17-20.

CFSTI TT 67-59020

Ya. U. Bugov

Sci-Phys

Feb 69

372,873

Methods of Controlling the Tightening of Large
Bolts on Turbines, by A. U. Bugov,
M. I. Gal'perin.

RUSSIAN, per, Energomash, Vol VI, No 11, 1960,
pp 28-29.

NIL M. ~~888~~ 3549

Sci - Engr
Jun 62

201,025

Submerged Automatic Arc Welding of Nickel-
Chromium Alloys, by F. S. Buzrlyo

RUSSIAN, per, Vest Mash, Vol XXXIV, No 8,
1954, pp 85-86.

23,618

Brutcher Tr No 3495
1.75

Scientific - Min/Metals

May 55 CTS

4
Research in Horn Setting Conducted During
1964-1965, by A. Bagrov, S. Semenovskikh, 8 pp.
RUSSIAN, par, Sotsial Trud, No 5, 1964, pp 61-66.
JPRS 25615

USSR
Econ
Aug 64

264,212

On the Stability of Employing a Second Storage
Device With Delayed Feedback, by Yu. S. Levin,
G. M. Bugrov, 5 pp.

RUSSEIAN, per, Radiotekh i Elektron, Vol VIII,
No 8, 1963.

IEEE

Sci
Apr 64

255,207

a Continuation of Functions, by Ja. S. Bugrov, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Math Seriya, Vol CL,
1963, pp 11891-1194.

Amer Math Soc
Sov Math - Dok
Vol IV, No 3

Sci -
Oct 63

241-216

Bugrov, V. A. and Malyshev, Yu. M.
DETERMINATION OF THE ECONOMIC EFFICIENCY
OF HYDRAULIC FRACTURING. [1961] 5p.
Order from ATS \$8.40 ATS-42M47R

Trans. of Neftyanoe Khoz[yaystvo] (USSR) 1960, v. 38,
no. 9, p. 18-21.

DESCRIPTORS: *Hydraulic fracturing, Economics.

61-22228

I. Bugrov, V. A.
II. Malyshev, Yu. M.
III. ATS-42M47R
IV. Associated Technical
Services, Inc., East
Orange, N. J.

Office of Technical Services

(Engineering, TT, v. 6, no. 4)

Method of Estimating the Productivity of Labor in
Petroleum Processing, by V. A. Bugrov, L. A.
Rozenbaum.

RUSSIAN, no per, Neft Khoz, Vol XXXIII, No 6,
1955, pp 5-7.

~~Technical and Commercial Tr~~

30,751

Scientific - Engineering

Jan 56 CTS/DEX

USSR

Economic

Simulation of Seismic Waves by the Aid of Ultra-
sonic Impulses, by Yu. V. Ryznichenko, B. N.
Ivakin, V. R. Dugrov, 25 pp.

RUSSIAN, For, Iz Ak Nauk SSSR, Ser Geofiz, No 3,
1952, pp 58-69. CIA 642666

ATIC 7-TS-9312/V

Sci - Geophys

Feb 59

80,018

45
Investigation for Harmonic Polynomials, by
Ya. S. Bagrov.
MUSKAT, p. 1, by Vyacheslav Ushakov Zaved Muskat,
No 3, 1968, pp 13-23.
May Tr 1968
APL 1968

Sci - Math & Data Process
Jun 64

261,197

Dirichlet Problem for the Circle, by Ya. S. Bugrov.

Phys. Rev.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol ~~XXII~~ CXV, No 4,
1957, pp 639-642.

MIT, Lincoln Lab

Sci - Phys

May 58

63,951

An Ultrasonic Pulse Seismoscopes, by Yu. V. Rizni-
chenko, B. N. Ivakin, V. R. Bugrov, 13 pp.
Unclassified.

RUSSIAN, per, Iz Ak Nauk SSSR, No 1, 1953, pp 26-
32.

ATIC F-TS-9311/V

Sol - Geophys

Jan 59

79,528

Alkylation of Benzene, Toluene, and Xylene by
1,3-Dibromobutane, by I. P. Tsukervanik,
L. V. Bugrova, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI, No 7,
1961, pp 2143-2148.

CB

Sci

13 Jun 62

200,405

Condensations of 1,4-Bromochlorobutane with
Benzene, by I. P. Tsukervanik, L. V. Bugrova,
4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 4,
1957, pp 889-892.

Consultants Bureau

Sci - Chem
Aug 58

69, 247

Refining a Method of Assay Analysis for Polymetallic
Ores and Products of their Treatment, by E.A.
Galankina and V.I. Bugrova, 5 pp.

RUSSIAN, per, Zavod Lab, Vol XXIX, No 9, 1963,
pp. 1042-1046.

ISA

Sci

Apr 64

256,015

Assaying of Ores and Products of Non-Ferrous
Metallurgy With the Use of Copper Fusion, by
E. A. Galankina, V. I. Bugrova, 13 pp.

Symposium on HighFlux Materials Testing Reactors
RUSSIAN, per, Analiz Rud Tsvetnykh Metal i
Produktov ikh Pererabotki, Sbornik Nauch Trudov,
No 12, 1956, pp 45-51.

ABC TT-889

Sci - Phys
26 Oct 60

130.677

EFFECT OF MICROQUANTITIES OF STABLE STRONTIUM
ON MINERAL METABOLISM AND UPTAKE OF SR^{90} , BY
V. A. KHIZHNIKOV P. F. BURDYSHEV, 12 PP.

RUSSIAN, PER, GIGIYENA I SANITARIYA, VOL XVIII,
NO 2, 1963, PP 19-25.

JPRS 19636

SCI - MED
JUN 63

232,554

Conductivity and Viscosity of Systems Consisting
of Eutectic Mixtures of Lithium and Ammonium
Nitrate and Acetamide or Water, by M. A.
Klochko, F. P. Bugskaya, ~~XXXX~~ 15 pp.

RUSSIAN, per, Zhur, Neorgan Khim, Vol III,
No 11, 1958, pp 2571-2581.

AEC Tr-4459
PL-480

Sci
Apr 62
PST 381

200,281

Occupational Intoxication with Furfural, by S. Bogdan,
G. Leopold, 3 pp.

^A
SUMMARY, per, Nepezesegogy, Vol XX, No 8, 1949,
pp 229, 230.
3

ATB-HJ669

Sci

Aug 59

93,639

CALCIUM AND PHOSPHORUS DIETARY SUPPLEMENT AS A
MEANS OF REDUCING STRONTIUM-90 ACCUMULATION IN
SKELETAL BONES, BY V. A. SMIRNOV, P. F.
BURYSHEV, 12 PP.

RUSSIAN, PER, VEPROSY PITANIYA, VOL XXII, NO 6,
1963, PP 56-62.

JPRS 22295

SCI-MED
DEC 63

211,193

(NY-6713)

The Determination of Sr^{90} and Ce^{145} When
Present Together in Biological Substrates,
by V. A. Knizhnikov, P. F. Bagryshev,
V. P. Rublevskiy, 4 pp.

RUSSIAN, per, Medit Radiolog, Vol VI, No 8,
1961.

JPRS 12393

183,620

Sci
Mar 62

The Speed of Operation Attained in the Manufacture
of Wire Insulated with Paper, by R. Buhk, 14 pp.

GERMAN, per, Elektrotech Z. Vol XLIX, 4 Oct
1928, pp 1478-1480.

SLA Tr 57-2029

Sci - Elec Engr

Jul 58

67,870

ELECTRIC POWER IN HELSINKI, BY HENNING BUHL,
5 PP.

SWEDISH, PER, ELEKTROTEKNIKEREN, VOL LVI, NO 3,
1960, P 68, CALL NO. TK4 E37. *Eng. Hans.*

ARMY MAP SERVICE

SCI-ELECTRICITY, ENGR

13 AUG 62

206,256

Reduction of Contamination of Walls Surrounding
the Sample by Ion Bombardment, by R. Buhl, 13 pp.
GERMAN, par, Optik, Vol XIX, No 2, 1962, pp 122-131.
9222798
ABC-ORNL-Tr-145

46

Sci-Phys
Aug 64

263,130

English Title Unknown, by R. Buhl.

GERMAN, per, Optik, Vol XIX, No 2, 1962,
pp 122-131.

*AEC

Sci.
Jun 64

Measurement of Radiated Power in the X-Ray Range
Independently of the Wavelength With a NaI(Tl)
Scintillation ~~Em~~ Counter, by S. Buhl, H. Leutz,
H. Muuss, 10 pp.

GERMAN, per, *Z fuer Physik*, Vol CLII, 1958, pp 272-280

A.C.S.I.L. Tr No 1208

Sci - Phys

Feb 62

186,205

Clinical Aspects and Pathogenesis of the
So-Called Kyphoscoliotic Heart, by F.
Schaub, A. Buhlamann, R. Kalin, T. Hegmann,
19 pp.

GERMAN, per, Schweizerischen Medizinischen
Wochenschrift, Vol LXXXIV, No 40, pp 1147
Seq. 1954.

NIH Tr 912

30,330

Sci-Medicine

Effect of Residual Stresses in Hardened Tool Steels
on Development of Grinding Cracks, by Buhler, Schepp.
UNCLASSIFIED

GERMAN, per, Stahl u Eisen, Vol LXXVII, 14 Nov 1957,
pp 1686-1690.

Henry Bratcher Jr

Sci - Min/Met
Apr 58

62,585

Solution of Some Problems of Fatigue Strength
by the Step-Test Method, by Dahler, Schreiber.

GERMAN, pat, Arch Eisenhüttenwesen, Vol XXVIII,
Mar 1957: pp 153-156.

~~Patent~~ Tr 588

(1.10.0)

SLF 65-16316
55, 854

Sci - Engr
Nov 57

Electronic Reproduction of Mechanical Friction,
S. Buhler. UNCL

GERMAN, per, Regelungstechnik, Vol VI, 1958,
pp 14-19.

DSIR 34451/CT

Sol - Enggr

Mar 59

Phys

83,277

Calculation of the Polarization Property of
Zirkonium for 3.4 MeV Neutrons, by
F. Buhler, 5 pp.
GERMAN, rpt, Berechnung des Polarisations-
vermögens von Zirkon für 3.4 Mev. Neutronen,
Dept of Modern Languages
North Carolina State Univ at Raleigh

Mar 67

321,999

Residual Stresses in Hardened, Carbon Tool Steels, by
H. Buhler, E. Herrmann,
GEMMAG, Inc., Verein Deutscher Ingenieure Zeitschrift,
Vol C31, No 4, 1961, pp 436-442.

BM 3487

Sci - M/M
Feb 64

250,652

Internal Stresses in Steel---A Practical Survey,
by H. Buhler, A. Peiter.
GERMAN, per, Techn. Rundschau, Nos 40 & 42,
1961, pp 7-28.
BISI 5349

H. Buhler

Sci-Map
May 69

380,429

The Relief of Coasting stresses by Jolting.
Part I, by H. Buhler, H. G. Pfalzgraf.
GERMAN, per. Gieseler, Vol 51, No 6,
Apr 1964, pp 194-199.
REF 6293

H. Buhler

Sch/MGM
May 65

278,474

24
Investigations Into the Behavior of Welding Stresses by
Mechanical Joining, by H. Eubler, H. G. Pilsgrat.
GERMAN, par, Schweißen und Schneiden, Vol XVI,
No 3, 1964, pp 178-183.
HB 6813

Sci - Engr
Nov 64

263,437

Relationship Between Dimensional Changes and
Residual Stresses During the Heat Treatment
of Tool Steels, by H. Buhler, E. Herrmann.
GERMAN, Archiv Eisenh. Vol 35, No 11, Nov 1964,
pp 1089-1095.
HD 6452

H. Buhler

EEI-Ger
Sci/144M
May 65

260,731

28
Investigation of Demolding Devices for a Multi-
Stage Hot Working Press, by H. Dähler, J. Schack.
GERMAN, per, Draft, Vol XV, No 1, 1964, pp 51-56.
BRI 3791

Sci - Engr
Oct 64

262,049

Revealing the Structure of Austenitic Chromium-Nickel Steels by Means of Vacuum-Coated Interference Layers and Etching Agents, by H. J. Schaller, B. H. Duhler.

GERMAN, par, Berg-und Huttenwissenschaftliche Monatshefte, Vol 109, 1964, March, pp 105-107.

HISI 3893

Sci - Engr
Feb 65

273,112

new Results in Revealing Microstructure by Vacuum
Coated Interference Films, by R. Pepperhoff, R. L.
Zuhler.

GERMAN, per, Berg-und Huttenmannische Monatshefte,
Vol 109, No 3, 1964, pp 73-76.

BISI 3892

Sci - Engr
Feb 65

273,111

Residual Stresses in Alloy Tool Steels, by
H. Buhler, E. Herrmann.

GERMAN, per, Verein Deutscher Ingenieure
Zeitschrift, Vol CIII, Sep 1961, pp 1229-1234.

BISI 3488

Sch - Engt
Jan 64

248,681

Contribution to the Problem of the Life of Steel Moulds f
for Centrifugal Casting, by H. Buhler

GERMAN, per, Stahl und Eisen, No 11, 1959,
pp 1722-1730.

BISI 1833

Sci - Engr

Oct 60

129,126

Bühler, Hans.

THE DEVELOPMENT OF HIGH-STRENGTH STEEL
CASTINGS OF LARGE WALL-THICKNESS. [1961]
[10]p.

Order from SLA \$1.10

61-18896

Trans. of Glessner (West Germany) 1958, v. 45, no. 4,
p. 87-92.

DESCRIPTORS: *Steel castings, Chromium alloys,
Heat treatment, Tensile properties, Castings.

Information is reviewed on the development of new types
of steel for castings with a wall-thickness of 600mm;
composition of newly developed low carbon types of
chromium steel; strength properties, particularly
notched bar impact toughness and resistance to shock-
loading; and heat treatments.

(Metallurgy--Ferrous Metals, TT, v. 6, no. 10)

61-18896

1. Bühler, H.

Office of Technical Services

Mathematical - Statistical Examinations of the
Problem of the Dependence of the Service Life of
Centrifugal Casting Moulds on the Casting
Frequency, by H. Buhler, W. Schreiber,
R. Schaeffer.

GERMAN, per, Giesserei Technisch-Wissenschaftliche
Beihafte, Jul 1958, pp 1137-1139.

BISI 2716

Sci - Engr
May 62
list 131

196, 219

Internal Stresses in Hot-Rolling Rolls Induced by
Service-Stress, by H. Buhler.

GERMAN, per, Stahl und Eisen, Vol LXXVII,
28 Nov 1957, pp 1740-1747.

BISI 1595

Sci - Engr

Mar 62

186,923

11st 122

Measurement of Residual Stresses in Railroad
Car Wheels, by H. Bühler.

GERMAN, per, Eisenbahntechnische Rundschau, Vol V,
No 7, 1956, pp 281-288.

Henry Bratcher Tr No 3859
\$9.75

Sci - Engineering
Apr 1957 CTS/dex

47, 184

Residual Stresses Set Up by Flame Hardening,
by H. Buhler,

GERMAN, per, Archiv Eisenhütten., Vol XXV,
No 3-4, 1954, pp 153-158.

23,141

Brutcher Tr No 3465
\$6.80

Scientific - Min/Metals

Apr
May 55 CTS

Complete Determination of a Residual Stress
Condition in Hollow Metal Cylinders, by
H. Buhler, W. Schreiber, 10 pp.

GERMAN, per, Zeitschrift VDI, Vol XCIV, No 35,
Dec 1952, pp 1147-1151.

S.L.A.

Scientific - Engineering

CTB 68/May 55

23,637

Measurement of Residual Stresses in Bars and Tubes
With the Aid of Strain Gages, by H. Bühler,
W. Schreiber, 8 pp.

GERMAN, per, Zeitschrift VDI, Vol XCIV, No 8,
Mar 1952, pp 216-218.

S. L. A.

Scientific - Engineering

CTS 68/May 55

23,639

Determination of the Residual Stresses on
Finished Work Pieces, by H. Bühler, 10 pp.

GERMAN, per, Archiv für das Eisenhüttenwesen,
Vol XXIII, No 7/8, 1952, pp 283-297.

S. L. A.

Scientific -- Engineering

CTS 68/May 55

23,638