

A Struggling Continent, by V. Vernolayev,
S. Mikhaylov, 6 pp.

RUSSIAN, per, Kommunist, No 17, Nov 1962,
pp 124-126.

ACSI I-8275
ID 2224768

LA - South American
Pol
Mar 63

225,816

Light-Weight Piston for High Speed Machinery, by C.
Givaudan, E. Vermorel, 4 pp.

FRENCH, patent 455,539, Filed 13 Mar 1913, granted
27 May 1913, pub 2 Aug 1913.

ATS 10L31F

Sci - Engr
Sep 59
Vol 2, No 1

97,912

Vermorken, A. M.
USE OF CHLOROWAX 70 IN PAINTS AND
ENAMELS. [1963] 9p.
Order from SLA \$1.10 63-14192

Trans. of la Chimie des Peintures (Belgium) 1953,
v. 16, p. 69-74.

DESCRIPTORS: *Paints, *Chlorine compounds,
*Waxes, Fire-resistant coatings, Ceramic coatings,
Films, Binders.

(Materials--Paints, TT, v. 10, no. 4)

63-14192

1. Title: Chlorowax 70
I. Vermorken, A. M.

Office of Technical Services

Photoelastic Effect in Methyl Methacrylate and
Poly- (p-tert-butyl)Phenyl Methacrylate Polymers
and in Their Copolymers, by V. N. Tsvetkov,
L. N. Verkhovina, 10 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVIII, No 1,
1958, pp 97-108.

Sci. Phys.
Amer Inst of Phys
Sov Phys - Tech Phys
Vol III, No 1

Sci - Phys

74, 014

Sep 58

Noct Barkin ~~Apparatus~~ Apparatus, by Andre Vermaat,
6 pp.

FRENCH, patent no 1,124,731.

US Dept of Commerce
Patent Office
Sci Lib (Gift)

Sci - Engineering
Mar 57 CTS/dcx

45,167

28

Natural Radioactivity of Soils, by V. I. Baranov,
V. I. Vernadskiy, 9 pp.
RUSSIAN, per, Iz Ak Nauk SSSR, Seriya Biolog.
Vol XXIX, No 1, 1964, pp 159-163.
JPRS 23912

Sci - Agri
Apr 64

254, 213

News- First "Scientific Reading" in Memory of V. I.
Lenin, by Kuznetsova, A., 2 pp.

RUSSIAN, Prav, Gorkhin, No 5, 1959, pp 476.

Geochem Soc

Sci
Oct 61

172, 513

The Biosphere and the Biosphere, by V. I.
Vernadsky, 14 pp.

RUSSIAN, per, No Reference Cited.

SLA R 1667

Sci

Jul 58

68,815

EURATOM -- Analysis of and comments on the Treaty,
by J. Errera, E. Symon, J. van ~~der~~ ^{de} Meulen, L.
Vernaeve, 260 pp. UNCLASSIFIED

FRENCH, bk, Euratom-Analyse et Commentaires du
Traite, Brussels, 1958, pp 1-309.

(DC-1743)

US JFRS/DC-177

World Wide

Western Europe - France

Pol

Sci - Atom Energy

66,598

THE UNITED STATES AND SOVIET UNION,
by Jacques Vernant, 4 pp. CONFIDENTIAL.
FRANCE, par, Revue de Defense Nationale,
April 1964, pp 706-711. 9750784
Dept of Navy/OHI Tr No 996

Jacques Vernant

WE/Fr/Coogr
Jul 66

302,179

Primary Subacute Infectious Endocarditis; Its Relations to Exanthematous Typhus, by E. Douzelot, H. Kaufmann, P. Verrant, 12 pp.

FRENCH, per, Societe Med des Hopitaux de Paris Bul et Memoires, Vol LXVI, No 9-10, 1950, pp 376-389.

Nat Inst Health

WEur - France

Scientific - Medicine

3440

Abrasive Grinding Wheel With Milled Teeth, by
Alexis Vernaz, Jules Vernaz, 4 pp.

FRENCH, Patent No 697,773.

Dept of Commerce
Patent Office
Sci Lib (gift)

Sci - Engr
Jun 60

120,139

Abrasive Grinding Wheel With Milled Teeth, by
Alexis Vernaz, Jules Vernaz, 4 pp.

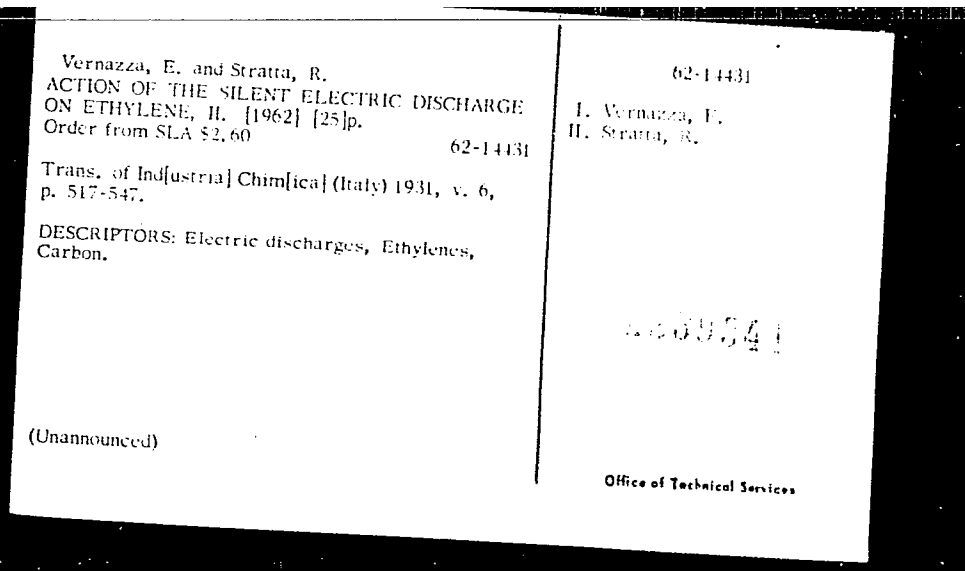
FRENCH, Patent No 697,773.

Dept of Commerce
Patent Office
Sci Lib (gift)

Sci - Engr
Jun 60

120,139

| | |
|--|--|
| <p>Vernaz, Roger. METALLIC FILE WITH RAISED FLAT TEETH, tr. by P. C. C. 19 Sep 60, 2p. (4 figs. omitted). Order from OTS or SLA \$1.10 60-23917</p> <p>Trans. of French patent 641,587, gr. 5, cl. 4, appl. 28 Sep 27, granted 21 Apr 28, pub. 7 Aug 28.</p> <p>DESCRIPTORS: *Cutting tools, Design.</p> | <p>60-23917</p> <p>I. Vernaz, R. II. Patent (France) 641 587 III. Patent Office, Washington, D. C.</p> |
|--|--|



| | |
|---|--|
| <p>Vernazza, E. and Stratta, R. ACTION OF THE SILENT ELECTRIC DISCHARGE ON ETHYLENE, III. [1962] [16]p. Order from SLA \$1.60</p> | <p>62-14428</p> |
| <p>Trans. of Ind[ustria] Chim[ica] (Italy) 1933, v. 8, p. 698-702.</p> | <p>I. Vernazza, E. II. Stratta, R.</p> |
| <p>DESCRIPTORS: Electric discharges, Ethylenes, Hydrogen, Nitrogen, Argon, Acetylenes.</p> | <p>1962</p> |
| <p>(Unannounced)</p> | <p>Office of Technical Services</p> |

G. Vernazza
... of Ethylene Glycol, by
ITALIAN, per, L'Industria Chimica, Vol IV, 1929,
pp 990-999.

S.L.A. Tr Pool

Scientific - Chemistry
CIS/DEX

14,352

Specific Inhibition of the Adrenals, by J.
Verne, R. Wegmann, 4 pp.

FRENCH, per, Comm au 73^e -Congres de l'Associat,
Franc pour l'avancement des Sciences, Poi-
tiers, 1954, pp 438-440.

SIA 57-2657

Sci
Aug 58

70,424

Seasonal Freezing of Baraba Bog Soils Under Cultiva-
tion, by A.R. Verner, 6 pp.

RUSSIAN, per, Pochvovedeniye, No 1, 1959, pp 112-116.

Amer Inst of Biol Sci

Sci
Dec 60

135,224

Use of in Liquid and Gaseous Fuels in the Fueling
Process, by V. V. Kostolov, B. P. Vorobey.

ISSUES, par. Novoture Labally, Vol XXIII, No 9,
1950, pp. 61-62.

DOEN 123 11. 1953

Del - Chen

173, 059

Nov 61

Properties of Bearing Materials Between 20 and
125° C, by E. E. Verner, N. S. Zinovich, 4 pp.

RUSSIAN, per, Metal i Term Obra Metallov, No 3,
1959, pp 56-59.

HB 4548

Sci - Min/Met

May 61

148,142

3D50 Type Marine Engines With Increased Rating,
by N. Verner, A. Simson, 6 pp.

RUSSIAN, per, Morskoy i Rechnoy Flot, No 10,
Oct 1954.

Navy Tr 1204/ONI 1311

Scientific - Engineering
Jul 55 CTS/DEX

24,890

Large Construction Site in the Center of Berlin, by
Paul Verner.

GERMAN, ¹¹⁴~~per~~, Neues Deutschland, 1 Jan 1960.

FBID Daily Review

GE - Germany

EAI Econ

Jan 60

(DC-6477)

Speech by Paul Verner, 5 pp.

GERMAN, per, Neues Deutschland, ~~XX~~ 30
Nov 1961.

JPRS 11557

"Team Work -- The Principal Method," by Paul Verner,

GERMAN, np, Neues Deutschland, 16 Oct 1959.

FBID Daily Review

RE - Germany

Soc

Oct 59

99,584

Report on Discussion Speech: "Marching Route Toward
Understanding," by Paul Verner,

GERMAN, no; Neues Deutschland, 15 Oct 1959.

FBI Daily Review

EE - Germany

Soc

Oct 59

99,587

Study of the Behavior of Nitrogen in Iron Alloys
With FCC Lattice by the Internal Friction Method,
by V. D. Verner, B. N. Finkel'shtein, 3 pp.

RUSSIAN, per, Fiz Tverdogo Tela, Vol III, No 11,
1961, pp 3363-3366.

AIP
Sov Phys - Solid State
Vol III, No 11
202,568

In Good and Strong Hands, by Waldemar Verner.

GERMAN, np, Neues Deutschland, 1 May 1960.

FBIS

3

Speech by Adm Waldemar Verner at Sixth SED
Congress

East Berlin, Volksarmee, No 4, 22 Jan 63

Daily Report
Supplement
USSR & East Europe
No 9, 8 Feb 63

The National People's Army a Sharp Word for the
Protection of Our Republic, by Waldemar Verner

GERMAN, np, Neuer Weg, Jan 1960

FBID Daily Review

Mar 60

USE OF POWDERED METAL PRODUCTS IN TRACTOR
MANUFACTURE, BY YE. E. VERNER, A. M. UMANSKIY,
7 PP.

RUSSIAN, PER, TRAKTORY I SEL'KHOZMASHINY,
NO 10, OCT 1962, PP 42-44.

JPRS 17041

SCI - ENGR

218,905

JAN 63

y378

(SF-1857)

Some Problems and Perspectives of Secondary Petroleum Exploitation in the RPR, by Al. Vernescu, 9 pp.

RUMANIAN, per, Petrol si Gaze, Vol XII, No 7, 1961, pp 312-316.

JPRS 12658

EUR - Rumania
Econ
Mar 62

183,438

Transactions of the Fifth Congress of the Trade Union
Workers in the Petroleum Chemical and Natural Gas
Industries, by Alexandru Vernescu, 8 pp.

RUMANIAN, a np, Munca, Vol XIII, No 3109, Bucharest,
26 Oct 1957, p 2-a.

US JPRS/DC-L-6

59,057

EE - Rumania
Econ - Fuels
Feb 58

(NY-27800)

SYSTEMATIZATION OF THE VILLAGES, BY D. VERNESCU,
8 PP.

RUMANIAN, PER, ARHITECTURA RPR, NO 2, PP 9, 10,

JPRS 14931

EEUR - RUMANIA
ECON
SEP 62

210,273

Microbiological Dewaxing Process Yielding
Protein-Vitamin Concentrates, by A. Champagnat,
Ch. Vernet, et al, 17 pp. 16
RUSSIAN, per, Neftekhim, Vol III, No 5, 1963,
pp 799-810. 9224459
NASA TT F-233

Sci - B & M Sci
Sep 64

264,997

The occurrence of these
events... in a large-scale
distribution of the...
(...), by P. Fick,
J. Vernet.

... par, Bull Soc France Minier
Crist, Vol LXXXVI, 1963, pp 27-31.
MOR 11 1-2702

J. Vernet

U. S. GOVERNMENT USE ONLY
5010-108
Apr 68

106,976

Profile of a Depressed Discharging Sheet, by
M. Vernit

FRENCH, La Houille Blanche, May - June 1948,
vol 3, no 3, p. 272-273

USA Corps of Engr, Waterways, Exper Sta Tr 49-4

Sci - Engineering, hydraulics, naval
Econ - Transportation, river, water

A12537

Comments on Rocket Liquid Propellants, by
Vernet-Lozet, 8 pp.

FRENCH, publ by Society for the Study of
Jet Propulsion, Paris, Dec 1955, pp 1-7.

CIA D-53852.2

ATIC P-TS-8796/V

Sci - Aeronautics, Chemistry 33, 231

Apr 56

The Behavior of the Reticulohistiocytary System of
the Liver, Spleen and Mesenteric and Retroperitoneal
Lymph Glands in Acute Generalized Experimental
Peritonitis, by Dr Lorenzo Verneti, 22 pp.

Full translation.

ITALIAN, Arch Sc Med Tor, Vol LXXXVII, 1949, pp
173-186.

CIA/FDD/X-1047

Scientific -Medicine Aug 53 CTS/DEX

4658

The General and Local Effect of Penicillin in Acute
Experimental Perforative Peritonitis, by Lorenzo
Vernetto, Amerigo Ligas, 5 pp.

ITALIAN, per, Boll della Soc Ital di Biol Sper,
Vol XXIII, 1947, pp 708-710. CIA D 151147

NIH

Scientific - Medicine

CTS 66/Mar 1955

22, 193

Preliminary Clinical Trials With Dihydrostreptomycin
Pantothenate, by R. Lesobre, H. Vernay, 22 pp.

FRENCH, per, Bull Soc Med Hop, Paris, Ser IV, Vol
LXIII, 1956, pp 227-237.

S.L.A. Tr 1258

Sci - Medicine
Jan 57 CTS

42,608

The Influence of Organic Matter on the Sedimentation
of Clays, by A. Riviere, S. Vernhet.

FRENCH, per, Comite Intern Etude Argiles, Compt
Rend 19e Session, Congr Geol Intern, 1952, Algiers,
No 4, 1953, pp 105-108.

ATS 58J17F
ATS 100-FJ

Sci
May 59

87,230

On the Density of Meteoroids, by F. Verniani.
Selenia, per. II Nuova Simeria, Vol. XXXIII, Series N.
pp 1173-1184.
Roma Smithsonian Astrophysical Observatory

Sci- 66
Jun 68

282,386

Ice-Forming Properties of the Acronols of Lead
Iodide Obtained by Burning of Metalloiodide Compounds
by I. I. Vernidub, A. S. Zhikharev, 5pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, No 8,
1963, pp 1278-1284.

ASU

245,909

Sci
Jan 64

High Temperature Oxidation of Dispersed
Aluminum, by V. L. Korneyev, I. I. Vernidub,
11 pp.

RUSSIAN, bk, Issledovaniya po Zharoprochnym
Splavam, Iz ak Nauk SSSR, Moscow, Vol VII,
1961, pp 308-326. 9668255

FTD-TT-62-1833

227,082

Sci-M/3
Apr 63

Investigation of the Ice-Forming Properties
of Lead Iodide Aerosols, by I. I. Vernidub,
A. S. Zhikarev, 6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz,
No 9, 1962, pp 1286-1293.

AGU

Sci

Jan 63

220,550

**Experimental Analysis of Processes Associated With
Poisoning by Non-Volatile Phenols in Baltic Salmon
During Their Larval Period of Life, by M. F. Verudskii.
RUSSIAN, per, Uchenye Zapiski Leningrad Gosudarstvennogo
Universiteta, No 311, 1962, pp 153-177.**

**Fisheries Research Board
Canada, St. Andrews Station.**

Sci - Biol

Mar 64

252,173

Experimental Evidence For a Technique of
Accelerating Embryonic Development in Salmon and
its Significance for Salmon Cultivation, by M. F.
Vernidub.

RUSSIAN, per, Vestnik Leningradskogo Universiteta,
No 3, Ser. Biol. No 1, 1963, pp 7-22.

URC/Ref: C-479*

M.F. VERNIDUB

Sci -
Aug 67

334,877

45

The Iraq of Today, by Bernard Vernier, 57 pp.
FRENCH, rpt, L'Histoire de L'Irak Jusqu'en
1963, pp 56-58, 99-122, 123-140, 141, 164,
and 245-267.
ACSI J-3761
ID 2204054867

Bernard Vernier

ME-Iraq
Econ
Feb 68

347,471

The Optical and Photoelectric Properties
of Microcrystalline Layers of Lead Sulphide
in the Visual and Infra-Red Range, by
P. Vernier,

FRENCH, per, J. Phys. Radium, Vol XIV,
No 3, Mar 1953, pp 175-178.

23,572

TPA3/TIB H Tr No. ¹4387

Scientific - Physics, ~~MINUTE~~ May 55 CTS

The Washing of Blast Furnace Gas in Melting Feasibility
manganese, by P. L. Vernigor, 3 pp

RUSSIAN, per, Metallurg, No 12, 1957, pp 10.

Consultants Bureau

Sci - Min/Mat

Oct 58

74,551

Procedure for D Selecting Pairs for High-Frequency
Multiplexing of Urban Telephone Cables, by S. M.
Vernik, N. D. Kurbatov, 6 pp.

RUSSIAN, per, 'Elektrosvyaz', No 11, 1961.

AIEE

Sci

May 62

194,422

LAGGING CONSTRUCTION OF SYNTHETIC RUBBER AND TIRE
PLANTS IN OMSK, BY V. VERNIKOV, 5 PP.

RUSSIAN, NP TRUD, 31 OCT 1968.

.PRS 17982

SCI - ENGR

MAR 63

224,931

(NY-18830)

XREXXX

IRREGULARITIES AT THE DOROKHOVO GLASS PLANT, BY
V. VERNIKOV, 3 PP.

RUSSIAN, K NP, TRUD, 19 JUL 1962.

JPRS 15242

USSR
ECON
SEP 62

210,011

Automatic Weighing of Free-Flowing Powder and
Liquid Ingredients, by Ya. N. Vernikov, A. G.
Kogenman, 4 pp.

RUSSIAN, per, Kauchuk i Rezina, Vol XX, No 10,
1961, pp 46-49.

RAPRA

Sci
Sep 62

210,827

Salt
Capillary Rise of Water and CaCl_2 Solutions
in ZnO Tests With Block of Soil, by
A. Morozov, I. Vernikovskaya.

RUSSIAN, per, Trudy Ak Nauk SSSR,
Pochvennogo Instituta im Dokuchayeva,
Vol XLIV, 1954, pp 211-233.

CSIRO 4723

Sci - Biol
Jul 62

204,871

Capillary-Rise of Water and Salt Solutions
Tests With Blocks of Soil, by A. T. Morozov, I. A.
Vernikovskaya, 52 pp.

RUSSIAN, per, Trudy Ak Nauk SSSR. Pochvennyy
Institut, Vol XLIV, 1954, pp 211-233.

SLA 60-17777

Sci

SIS, Vol IV, No 3

Sep 60

129,378

The Influence of Some Factors on the Speed of the
Diazotization Reaction of Aromatic Amines, by
T. M. Vernikovskaya, 30 pp.

RUSSIAN, per, Soveshchanie po Anilinokrasochnoi
Khimii i Tekhnike, 8th, 1947, pp 56-73, Moscow.

Chemistry NIN
Scientific - ~~Medicine~~
CIS/DEX

5536

Characteristics of Filling Devices Used on Presses
in the R factories Industry, by V. E. Verni-
kovskii, 6 pp.

RUSSIAN, per, Ogneupory, No 3-4, 1963, pp 106-111.

CB

Sci

May 64

259,254

Simple Probe Technique in the Blast Furnace Stack,
by E. Vernisse, G. Schwartz, P. Dancoiane.

FTSECH, rpt. IRSID, Mineral-Coke-Fonte,
RP60, Oct 1960.

BIBI 2460

Sci - Engr

6151 2141

204,814

Jul 62

List # 129

Applications of Photography to Legal Medicine, by
M. Vernois, 12 pp.

FRENCH, per, Soc Med Legale Paris, Feb. 1868, pp 401-
413.

SIA TR 57-1636

Sci

65,759

CR-29/64

The Adiabatic Compression of a Gas when It is
Applied Suddenly at a High Level, by P. Vernotte, *PJP*

FRENCH, per, La Machine-Outil Francaise, No 193,
Dec 1963, pp 79, 81, 83.

PJP
*JPRS/SPECIAL/DC-10297

Sci - Chem
Feb 64

Formation of Nitride Compounds With Some High Melting
Point Metals, by J. Vero.
HUNGARIAN, per, Koh Lapok, Vol 97, 1964, pp 353-359.
*AFIS TT 71-56040

J. Vero

July 71

Information on the Anticryptogamic Action
of Calcium Cyanamide, by O. Verona.
ITALIAN, per, l'Agricoltura Italiana, Vol XV,
No 9, 1960, pp 287-313.
ATS 55Q731

Sci
Jun 67

327,338

Study and development of cascade linear intensifier tubes, by S. Veron. 130
1960, in, Revue de Physique Electronique et Comptabilite, Revue de Comptabilite, par Lissy, pp 1-13.
N° 1-1959
IS 2264628966

S. VERON

CS-France
Sci/Eng
19 68

S-901/64

Laboratories in Space, by S. Vernov, 4 pp.

RUSSIAN, np, Izvestiya, No 167, Jul 1964,
p 6.

CIA/FDD X-5434

Sci - Earth Sci & Astron
Aug 64

Study and Development of Cascade
Image Intensifier Tubes, by S. Veron,
D. Charles, 10 pp. CONFIDENTIAL
FRENCH, rpt, Marche Soft No 504/039/50
Deuxieme Rapport Semestriel (Lot No 2)
Entre de Physique Electronique et
Corpusculaire, Domaine de Corbeville
par Gray, pp 1-13.
ACSI I-9595
ID 2204020966

S. Veron

Sci-Elent
Apr 66

298, 608

PROBLEMS OF SPACE RESEARCH, BY S. VERNOV,
12 PP.

RUSSIAN, PER, K KOMMUNIST, NO 14, 1962,
27 SEP 1962, PP 33-40.

JPRS 15835

SPACE RESEARCH
NOV 62

215,188

In the Depths of the Micro-World, by S. Vernov,
N. Grigorov, 6 pp.

RUSSIAN, np, Pravda, 31 Aug 1960.

JPLAI T-24

Sci - Physics - Cosmic Rays
Apr 61
CEA/FDD X-4620

145,361

Investigation of the Composition of Primary
Cosmic Rays, by S. M. Vernov, V. L. Ginzburg,
L. V. Kurnosova, L. A. Razorenov, M. I. Fradkin,
10 pp.

RUSSIAN.

(MIT Lin Lab)

CIA/FDD X-2753

Jul 58

"KREBES" DATA ON THE EARTH'S HADMISSION
HELTS BY S. N. VERNOV, I. A. SAVENKO,
ET AL.

92

RUSSIAN, FOR, IZ AN SSSR, SERIYA
FIZICHESKAYA, VOL XXVIII, NO 12, 1964,
PP 2049-2057.
*DTU-57-65-361

S. N. VERNOV

Sci-U.S
Aug 65

Investigation of Cosmic Radiation at Heights of 200 to
350 Km on the Satellites Kosmos-4 and Kosmos-7,
by R. N. Basilova, S. N. Vernov, et al.
RUSSIAN, per, Kosmicheskiye Issledovaniya, Vol II,
No 2, 1964, pp 280-288.
NASA TT F-8893

Sci-Ear Sci & Astron
Jul 64
U.S. GOVERNMENT ONLY

262,873

Investigations of Radiations on Earth-Moon System
Satellite Cosmos-17, by S. N. Vernov, A. Ye. Chudakov,
27 pp.
RUSSIAN, per. Iz Akk. SSSR, Ser Fiz, Vol XXVIII,
No 12, 1964, pp 2058-2074, 9698870
FTD-TT-65-263

Sci - Earth Sci & Astron
May 65

250,133

The "Elektron" Space System, by S. N.
Vernov, et al.
RUSSIAN, np, Pravda, 15 March 1964.
NLL 5207.00 1964 (1062) (On Loan)

Aug 65

288,056

Geographical Position of Particle Intensity Maxima
in the Outer Radiation Belt at Low Altitudes, by
S. N. Vernov, V. M. Yarovoyev, et al.
RUSSIAN J. of Cosmic Space Science, Vol II,
No 2, 1964, pp 289-293.
NASA TT F-1997

S. N. Vernov

Sci-Ear Sci & Atmos
Jul 64
U.S. GOVERNMENT ONLY

162,938

**The Cosmic System Electrons. New Achievements
of Soviet Science in Mastering the Cosmos, by
S. N. Yermolov, G. A. Shadrin, et al.
RUSSIAN, in: Pravda, 13 Mar 1966, p 3. 9224681
NASA TT F-0641 9224753**

**Sci-Bar Sci & Astron
May 66
U.S. GOVERNMENT ONLY**

259,747

The "Electron" Space System, by S. M.
Vernov, G. A. Skuridin, Yu. I. Logachev,
18pp
RUSSIAN, per, Pravda, 1964, 15 Mar, pp 3,
CFSTI TT-64-16367

S. M. Vernov

323,833

Sci - Engineering
Apr 67

Structure of the Earth's Radiation Belts at 320 KM,
by E. N. Varnov, L. A. Sevast'yan, et al.
RUSSIAN, in *Geostandart i Aeronomiya*,
DIREK Vol III, No 3, 1963, pp 612-618.
NASA TT F-6346

Sci - R S & AOC
May 64
U.S. GOVERNMENT ONLY

250,667

53
Cosmic Rays, by G. N. Yarnoz, L. I. Dargava, 290 pp.
RUSSIAN, in, Kosmicheskiye Luchy, IAT Program,
Section VII, No 4, Moscow 1961. 922379-7
NASA TT F-127

Sci - Earth Sci
Jul 684

262,778

Earth's Radiation Belts at 180-250 KM Heights,
by S. N. Vernov, I. A. Savenko, et al.

RUSSIAN, pbr, Geomagnetizm i Aerocosmiya,
Vol II, No 1, 1962, pp 41-47.

NASA TT F-8642

Sci
Jan 63
US GOV'T USE ONLY

219,847

The Earth's Radiation Belts at Heights of 180-250 km, by
I. N. Vernov, I. A. Savenko, 6 pp.

RUSSIAN, per, Geomagnet i Aeron, Vol II, No 1, 1962.

AGU

sci -
cv 63

241,828

Earth's Radiation Belts in the 180-250 KM
Altitude Range, by S. N. Vernov, L. A. Savenko.
et al.

RUSSIAN, *Iskusstvennye Sputniki, Zemli,*
No 13, 1962, pp 67-74.

NASA TT F-8680

Sci
Jan 63
US GOV'S USE ONLY

219,846

High Earth's Radiation Belts in the 180-250 KM
Altitude Range, by S. N. Vernov, I. A. Savenko.
et al.

RUSSIAN, *iz.*, *Izvestiya Sputniki, Zemli,*
No 13, 1962, pp 67-74.

NASA TT F-8280

Sci
Jan 63
US GOV'T USE ONLY

219,846

Fluctuations of the π -Meson Flux in Extensive
Air Showers, by S. H. Vernov, V. I. Solovyeva,
10 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz,
Vol XLI, No 2, 1961, pp 340-353.

AIP
Sov Phys-JETP
Vol XIV, No 2

Sci
11 Jun 62

198, 2905

The Outer Radiation Belt of the Earth at
320 KM Altitude, by S. N. Vernov, I. A. Savenko,
P. I. Shavrin.

RUSSIAN, bk, *Iskusstvennyye Sputniki Zemli*,
No 10, 1961, pp 34-39.

NASA TT F-8151

Sci

6 Mar 62

185,908

US GOV'T ONLY

Investigation of the spectrum of energetic
muons at a depth of 40 meters water equivalent,
by S.N. Vernov, V.A. Dmitriev, 7pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Seriya Fiz,
Vol XXVI, No 5, 1962, pp 661-667.

CIT

Sci

233,602

May 63

Primary Component of Cosmic Radiation in the Region
of Ultrahigh Energies and Some Characteristics of
Its Interaction With Air Nuclei, by S. N. Vernov,
G. B. Khristiansen, 7 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Seriya Fiz,
Vol XXVI, No 5, 1962, pp 651-657.

CPI

Sci
Jun 63

233,660

Vernov, S. N., Vakulov, P. V. and others.
INVESTIGATION OF THE SOFT COMPONENT OF
COSMIC RAYS BEYOND THE LIMITS OF THE AT-
MOSPHERE (Izuchenie Myagkol Komponenty Kos-
micheskikh Luchei za Predelami Atmosfery). [1962]
[20]p. (foreign text included).
Order from OTS or SLA \$1.60 62-14012

Trans. of Iskusstvennye Sputniki Zemli (USSR) 1958
[v. 2] p. 61-69.

DESCRIPTORS: *Satellite vehicle research, *Radiation
counters, *Photons, *Cosmic rays, Gamma rays,
Electrons, Solar radiation.

(Astronomy--Astrophysics, TT, v. 8, no. 9)

62-14012

- I. Title: Sputnik III
- I. Vernov, S. N.
- II. Vakulov, P. V.

0225885

Office of Technical Services

Radiation Measurements During the Flight of the
Second Lunar Rocket, by S. N. Vernov,
A. E. Chudakov, P. V. Valukov, Yu. I. Logachev,
A. G. Mickolaev, 9 pp.

RUSSIAN, bk, Iskusstvennyye Sputniki Zemli, No 5,
1960.

Fleming Press

In CIA Lib
Sci - Space Res
Jun 61

153, 450

Muon Beams in Extensive Air Showers, by S. N. Vernov,
Li Don Hwa, 9 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XLIIF
No 3, 1962, pp 758-769.

AIP
Sov Phys - JETP
Vol XV, No 3

Sci

Oct 62

213,191

Corona of the Earth, by Ye. Saporina; ~~English 'Notes'~~
Electrons in the Earth's Atmosphere, by Yu. I.
Gal'perin; Article by S. N. Vernov, 5 pp.

RUSSIAN, per, Znaniye-Sila, No 3, 1960, pp 34-39;
~~36, 37; 37, 38.~~

JPRS
IGC 117

Sci - Geophys
May 60

116,670

(DC-5523)

Radiation Measurements During the Flight of the
Third Cosmic Rocket, by S. N. Vernov, A. Ye.
Chudakov, P. V. Vakulov, et al, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXXXVI, No 2,
1961, pp 322-324.

JPRS 8103

Sci - Space Res

149,924

Apr 61

Investigations of Cosmic Rays and Terrestrial
Corpuscular Radiation During the Flights of
Rockets and Satellites, by S. N. Vernov, A. ~~Sh.~~
Ye. Chudakov, ~~pp.~~ 55 pp.

RUSSIAN, per, Uspelkhi Fiz Nauk, Vol LXX, No 4,
1960, pp 585-619.

~~300~~ JPRS 7304
~~GRS PB-131632-126~~

Sci - Geophys, Space Res
Aug 60

122, 441

Att.
Geophys. Space Res
Vol. LXX, No. 4
1960

122, 441

Radiation Belts of the Earth, by S. N. Vernov,
G. A. Skuridin.

RUSSIAN, mono, Radiatsionnye Poyasa Zemli, Moscow,
1968, 128 pp.

2

*CB

Sci
Oct 63

Study of the Primary Cosmic Radiation by Using Artificial
Satellites of the Earth, by S. N. Vernov, V. L. Ginzburg,
L. V. Kurnosova, L. A. Razorionov, M. I. Fradkin, 3 pp.

RUSSIAN

(ID 2660605)

CIA/FDD ~~X-263~~ X-2630

USSR

Space Research
Sci

Measurement of Irradiation During the Flight of the
Second Cosmic Rocket, by S. N. Vernov, et al.

RUSSIAN, Nov, Leti Ak. Nauk SSSR, Vol. CXXX, No. 5,
1960, pp. 517-520.

IGG 1.22

Sci - Geophys, Space Res
May 60

116,496