

(SF-2211.)

CELEBRATION, GENERAL ASSEMBLY, AND CONFERENCE X  
OF THE SOCIETY OF THE ENGINEERS OF THE SOCIETY  
FOR THE DEVELOPMENT OF TECHNICAL TALENT,  
10 PP.

CROATIAN, SLOVENIAN, PER: *Vakus*  
~~YARUZA~~ TEHNIKA,  
VOL X, NO 3, OCT-DEC 1961, PP 65-68.

JPRS 13720

SCI - ENGR  
MAY 62

194,608

62-14783

Häfer, R. A.  
THE ION BAFLE, A NEW ELECTRIC HYDROCAR-  
BON TRAP FOR OIL-SEALED ROTARY PUMPS. [1962]  
18p. 14 refs.

Order from SLA \$1.60

62-14783

Trans. of Vakuum-Technik (West Germany) 1961, v. 10,  
no. 4, p. 95-99.

DESCRIPTORS: \*Rotary pumps, Ions, \*Electric dis-  
charges, Cathodes, Polymers, \*Hydrocarbons, Mole-  
cules, Cold cathode tubes.

A new electric hydrocarbon trap is described. It is  
based essentially on the fact that the hydrocarbon mole-  
cules flowing back from the pump are deposited in a  
solid CH polymer layer on the surface of the cathode by  
an inverse magnetic cold cathode discharge of in-  
verse magnetron type. The mechanism is discussed in  
(Engineering-Chemical, TT, v. 8, no. 4)      (over)

1. Title: Ion baffle  
1. Häfer, R. A.

Office of Technical Services

Schütze, H. J. and Heyge, G.  
STUDY OF THE APPLICATION OF THE ION Baffle  
IN THE PRODUCTION OF ELECTRON TUBES. [1962]  
22p. 11 refs.  
Order from SLA \$2.00

62-16590

Trans. of Vakuum-Technik (West Germany) 1961, v. 10,  
no. 4, p. 100-105.

DESCRIPTORS: \*Ions, Production, \*Electron tubes,  
\*Vacuum pumps, Test methods, Design, Cathodes  
(Electron tubes).

The ultimate vacuum of the auxiliary pumps used to  
evacuate electron tubes can be lowered by about one  
order of magnitude when an ion baffle is connected  
between pump and tube. The final pressure of about  
 $10^{-7}$  Torr obtained with such a pump arrangement  
resulted in an improvement of the emissive power of  
(Engineering--Electronic, TT, v. 10, no. 10)

62-16590

I. Schütze, H. J.  
II. Heyge, G.

Office of Technical Services



Applicability of the Cosegatron for Quantitative  
Partial Pressure Analysis in a High Vacuum, by  
S. Dunseler.

GERMAN, ptz. Vakuum-Technik, Vol X, No 5, 6,  
1961, pp 131-138; 184-190.  
NASA TT F-9287

Sci-Phys

May 63

U.S. GOVERNMENT ONLY

260,178

Calibration Measurements With a McLeod Manometer,  
by E. O. Locherbach, F. J. Schittko, 13 pp.

**GOVERNMENT USE ONLY**

GERMAN, per, Vakuum - Technik, Vol XI, No 2,  
1962, pp 51-56. 9692354  
DDC R5IC-153

Sci - Engr  
May 64

256,984

Physical Adsorption at Low Pressures and  
Coverages, by von N. Hansen.  
GERMAN, per, Vakuum Technik, Vol 3, Mar 1962,  
pp 70-77.  
\*NASA TT F-12,537

Sci/B&M  
July 69

387,757

Production of Vacuum by Condensation on Low-  
Temperature Surfaces. I. Cryogenic Pumps,  
by G. Klipping, W. Maschoer.

GERMAN, per, Vakuum-Technik, Vol XI, No 3,  
1962, pp 81-85.

AKK, Harwell  
IR-1675

AKK-76-915

211,522

Sci - Engr  
Sep 62



Evaluation of Calibration Methods for Ionization  
Guages, by Meinke, G. Reich, 6 pp. GOVERNMENT  
USE ONLY  
GERMAN, per, Vakuum - Technik, Vol XI, No 3,  
1962, pp 86-88. 9692332  
DDC RSIC-144

Sci - Engr  
May 64

256,985

The Measurement of Residual Gas Pressure in Travelling-Wave Tubes, by H. Schaitger, 14 pp.  
GERMAN, per, Vakuum-Technik, Vol XI, No 3, 1962.  
ATE-16Q/1G

Sci-Electron  
March 64

232,084

Hydrogen Sorption by Barium Films in the Pressure  
Range of  $10^3$  to  $10^{-4}$  mm Hg, by G. Rauscher, C.  
Staudt, 6 pp.  
GERMAN, per, Vakuumtechnik, Vol 11, pp 17-20,  
(11th Year). 9225396  
ACRIL/64/326

Sci - Phys  
May 65

280,366

**Influence of System Geometry and Operating Con-  
ditions on the Sensitivity of a Bayard-Alpert Gage,  
by H. J. Schuss, F. Stark.  
GERMAN, per, Vacuum Tech, Vol XI, No 5, 1962,  
pp 133-141.  
NASA TT F-9381**

Sci-Engr  
Jun 68

**U.S. GOVERNMENT ONLY**

282,574

Determination of the Purity of Metals by Means of  
Damping Measurements, by H. J. Seemann, R. Mandler,  
35 pp.

GERMAN, per, Vakuum-Technik, Vol XI, 1962, pp 161-167.

ARC-SP-Tr-1011

Sci - Mat & Met

Aug 63

34, 312

Comparative Measurements Between an Omega 101  
and Bayard-Alpert Cells, by L. A. Petermann.  
GERMAN, post, Yukawa Tech., Vol. XI, No 7, 1962,  
pp 200-204.  
RADA TT P-9.60

Sci-Engr

Jan 65

U.S. GOVERNMENT ONLY

382,567

High Vacuum Electron-Beam Furnace Observation  
Device, by H. Westmeyer.  
GERMAN, par, Vakuum Technik, Vol 12, 1963,  
pp 17-19.  
CEGB-5514

June 71

Improvement of the Halogen Leak Detection  
Process, by E. Meurer.

M. GERMAN, per, Vakuum Technik, Vol XII, 1963,  
pp 41-44.

UKAEA-Risley-Tr-423

Sci - Nucl Sci

Jul 63



S-1082/64

Some Problems in Electron Beam Melting, by  
H. Gruber, W. Dietrich, et al, 28pp.

GERMAN, per, Vakuum-Technik, Vol XII, No 3, Apr  
1963, pp 65-77.

*g*  
\*JPRS/SF-3382/SPECIAL

Sci - M/M

Oct 64

Physical Adsorption at Low Pressures and Cover-  
ages, by H. Hansen. 16pp.  
GOVERNMENT USE ONLY  
GERMAN, per, Vakuum-Techn, Vol 3, Mar 1962,  
pp 70-77.  
NASA TT F-12,537

Sci-Chem  
Nov 69

396,652

Prevention of Erroneous Readings with the  
McLeod-Gauge/Cold Trap System, by Chr. Mainke &  
G. Reich.  
GERMAN, per, Vakuum-Technik, Vol 12, No 3, 1963,  
pp 79-82.  
Dept of Commerce  
Natl Bu Standards

Sci/Mech  
June 68

359,298

How to Avoid Errors in Measurement With a  
McLeod Gauge Operated in Conjunction With  
a Cold Trap, by Matake, G. Reich, 8 pp.  
GOVERNMENT USE ONLY  
GERMAN, per, Vakuum - Technik, Vol XII, No 3,  
1963, pp 79-82. 9692351  
DDC RSIC-143

Sci - Engr  
May 64

256,986

Comparison and Testing of Calibration Methods  
for Ionisation Gauges, by Chr. Meinke & G. Reich.  
GERMAN, per, Vakuum-Technik, Vol 11, No 3, 1962,  
pp 86-88.  
Dept of Commerce  
Natl Bu Standards

Sci/Hech  
June 68

359,297

A Quadrupole High Frequency Mass Spectrometer for  
Vacuum & Technology Applications, by C. Brunnee,  
L. Delgmann, et al.  
GERMAN, per, Vakuum-Technik, Vol XIII, No 2, 1964,  
pp 35-42.  
NASA TT F-9139

Sci-Electr  
Jan 65  
U.S. GOVERNMENT ONLY

270,899

New Developments in the Field of Steel  
Degassing, Part I, by W. Coupette.  
GERMAN, per, Vakuum Technik, Vol 13,  
Apr 1964, pp 80-84.  
BISI 4217

EE-Gor  
Sci/MEM  
Jun 65

281,012

Direct Evaporation of Alloys, by G. Zinmeister, 14 pp.  
FOR OFFICIAL USE ONLY  
GERMAN, per, Vacuum-Technik, Vol XIII, No 8, 1964,  
pp 233-240. 9697173  
FSTC 381-T64-229

Sci - Phys  
Jun 65

282,274



New Developments in the Field of Steel  
Degassing Part II, by W. Coupette.  
GERMAN, per, Vakuum Technik, Vol 13,  
Sep 1964, pp 185-191.  
\*BISI 4254

EE-Cor  
Sci/EGM  
Jun 65

280,000

Steam-Jet Vacuum Pumps for Steel  
Degassing, T. Messing.  
GERMAN, per, Vakuum-Techn. Vol 13,  
Oct 1964, pp 201-209.  
BISI 4218

Sci/NGH  
Aug 65

284,692

Contemporary Status of the Manufacture of Metal  
Rolling Equipment in the USSR, by A. A. Korolev.

CZECH, bk, Valcovaci Zarizeni v CSSR a SSSR, 243 pp.  
(Att. to IR-1494032)

\*FTD-TT-62-1216

USSR

Econ

Aug 62

Trailer-Mounted Field Kitchen, Model 58-M-61  
ELPS Burner 100-SR, Patented Model, Operation  
and Maintenance, by Chaudronnerie Marion.  
FBIHQI, per, Valence-sur-Rhone, 1 April 1961.  
RSTC-PT-23-33-67

Sci - Nat  
Oct 67

342,734

Land Tenancy, by Jose Matos Mar, Jose Portugal Mendoza,  
et al, 35 pp. GOVERNMENT USE ONLY  
SPANISH, bk, El Valle de Lucía y el Pueblo de  
Pachacamac, Cambios Sociales y Culturales,  
Lima, Chapter III, 1964, pp 64-100.  
JPRS GUERO: 562

LA-Peru  
Soc  
Jan 65

271,349

Zaragoza, Capital, Development Pole,  
by Fernando Fernandez, 13 pp.  
FOR OFFICIAL USE ONLY  
SPANISH, rpt, Valle Medio del Ebro,  
Sept 1964, pp 193-199.  
DIA LN 258-66

NE-Spain/Biogr  
Jun 66

302,02102

DEVELOPMENT AND PROBLEMS OF SCIENCE IN HUNGARY,  
BY SANDOR BALOGH, ARPAD KALMAN, 14 PP.

HUNGARIAN, PER, VALOSAG, VOL V, NO 6, 1962,  
PP 8-16.

JPRS 18190

SCI - MISC

MAR 63

225,190

THE SKILLED TRAINING AND EARNING RATIOS OF  
WORKERS, BY LASZLO LENGYEL, 7 PP.

HUNGARIAN, PER, VALOSAG, VOL VI, NO 3, 1963,  
PP 85-90.

JPRS 20881

EE-HUNGARY  
ECON  
SEP 63

342,933



Scientific Research and Economic Development  
in Hungary, by D. György Szakasits, 8 pp.  
HUNGARIAN, per, Valóság, Vol 7, No 8, Aug 1964,  
pp 69-74.  
JPRS 28545

EEur-Hungary  
Econ  
Mar 65

275,979

The Philosophical Content of the Theory of Relativity,  
by Tamas Schuck, 20 pp.  
HUNGARIAN, per, Valóság, Vol VII, No 9, Sep 1964,  
pp 23-35.  
JPRS 28073

Sci - Phys  
Feb 65

273, 359

Aladar Mod: 'The Strategy of War and the Strategy of  
Peace', by Aladar Mod, 19 pp.  
HUNGARIAN, per, Valóság, Vol VII, No 10, 1964,  
pp 1-14.  
JPRS 28227

EE-Hungary  
Pol  
Jan 65

272,660

On the Use of Acid Extraction Solutions in  
Determining the Phosphorus Requirements of  
the Soil, With Theoretic Discussions on the  
Phosphorus Condition of the Soil, by A.  
Terasvori.

GERMAN, por, Valtion Maatalouskehtotöiminnän  
Julkaisuja, No 141, 1954, pp 64.  
(Germany summary pp 58-60 only)

NZDSIR/Ref 694

*Chem*  
~~Sci-Soc~~  
Mar 63

225,297

Technical Investigations on Plywood, by F. E. Siimes,  
Osma Liiri, 36 pp.

Full translation.

FINNISH, per, Valtion Teknillien Tutkimuslaitos.  
Vol XCV, 1951, p 66.

S.L.A.

Scientific - Engineering

27,251

Aug 55

Changes in the Myosin Fraction of Fish Muscle  
on Freezing, Cold-Storage and Thawing,  
by O. Nikkila.

FINNISH, per, Valtion Teknillinen  
Tutkimuslaitos, ~~Kemia~~, Helsinki,  
Vol IV, No 12, 1957, pp 3-7.

CSIRO 5547

Sci - Biol  
Aug 62

207,341

Microsharpening of x Veneer Lathe Knives,  
by E. Kivimaa, M. Kovanen.

FINNISH, per, Valtion Teknillinen  
Tutkimuslaitos Tiedotteita, Vol CXXVI,  
1953, pp 5-21.

CSIRO 3907

Sci - Engg  
May 62

198, 464

A Method for Determining the Resistivity of  
Semiconductors With Relatively High Resistivity,  
by T. Kytoeniemi, 28 pp.

FINNISH, per, Valtion Tek Tutkimuslaitos Tiedotus,  
Vol. II, No 9, 1961. 9089545

AEC Tr-508g

Sci - Chem, Phys  
Jul 62

204, 698



Finnish Recommendations for Radiation-Shielding  
Concrete Structures, by Arvo Nykaenen, 13 pp.

FINNISH, per, Valtion Tek. Tutkimuslaitos, Tiedotus,  
Vol III, No 65, 1962, pp 1-8.

AEC-~~pr~~-6083

Sci-Engr  
Jan 64

248,356

(DC-5846)

Foreign Exchange Problems in the Bulgarian Economy,  
by Rusi Delchev, 83 pp.

BULGARIAN, bk, Valutni Vuprosi v Ikonomikata na  
Narodnata Republika Bulgariya, 1960, pp 13-31, 46-55,  
58-62, 64, 74-79, 81-104, 106-132, 134, 141, 143,  
144, 147, 148, 150-154, 156-161, 166, 167, 170-173,  
183, 184, 187, 188.

JPRS 8448

156, 108

EEur - Bulgaria

Econ

Jun 61

The Yield of Smolt of the Indalsalven in 1953, by  
Arne Lindroth, 6 pp.

SWEDISH, per, Vandringsfiskeutredningen, Meddelande  
No 4, 1959, 3 pp.

Fisheries Res Board of Canada  
St. Andrews Station

Sci

Feb 64

Reasons for Variation in Survival and Increase in 200  
Trough-Reared Stocks of One-Summer-Old Salmon and  
Trout, by Arne Lindroth, 15 pp.

SWEDISH, per, Vandringsfiskutredningen, Meddlands,  
No 6, 1959, 14 pp.

Fisheries Res Board of Canada  
St. Andrews Station.

Sci

Feb 64

**Peruvian Working Corps Infiltrated by the  
Communists, UNCL.**

**ESPINO, per, Vanguardia, Vol IV, No 163, 30 Dec  
1960, pp 8, 9.**

**summary  
JPRS DC-5153**

**LA - Peru  
Pol  
Mar 61**

*141, 244*

POLITICAL REPORT APPROVED BY THE C. N., 6 PP  
GOVERNMENT USE ONLY

SPANISH, PER, VANGUARDIA DTL MRL, MAY 1963, P 2

JPRS GUO: 119

LA - COLOMBIA  
POL  
JUL 63

235,252

The Army Assists Civil Defense, by Major  
Gunnar Lundquist, Major Bertil Malgerud, 5 pp.  
UNCLASSIFIED

SWEDISH, per, Var Arme, 1960, pp 14-17, Encl  
to R-16-60, OARMA, Sweden.

ACSI H-6361  
ID 2131839

NorEur - Sweden  
Mil  
Jul 60

119.744

(a) The Financial Status of Norwegian Officers as  
Compared With That of the Swedish, 2 pp. UNCLASSIFIED

Full translation.

NORWEGIAN, Var Haer, No 11, 15 Nov 1951, p 9.

ID GSUSA F-8488 A

HoBuz - Norway  
Military

May 52 CRB

DEX



(b) The Change of Ministers in the Defense Department,  
3 pp. UNCLASSIFIED

Full translation.

NORWEGIAN, Var Haer, No <sup>1</sup> 1, 15 Feb 1952, pp 17-18.

ID GSUBA F-8488 B

NoBur - Norway

Political

Military

May 52 CTB

DEX

It Is Just That the "District" Officers Receive the  
Same Percentage in Pay as the Career Officer, 4 pp.  
UNCLASSIFIED

Full translation.

NORWEGIAN, per, Ver Haer, No 6, Norway, 15 Jun 1952,  
pp 90-91.

ID GSUSA 7-9125

NoEur - Norway

Military - Pay

Nov 52 CTS/DEX

(a) Remarks by the Minister of Defense About the Enlarging the Danish Defense, 13 pp; (b) The Reserve Officers Association and the Reserve, (c) Lieutenant of the Reserve, by P. I. Hansen and E. Sognard-Jensen, 4 pp. UNCLASSIFIED

Full translation.

DANISH, per, Var Eger, No 7, 1952, pp 8-10, 14.

ID GSUSA F-9349 A, B, C

NoEur - Denmark

Military - Defense, reserves, army

Nov 52 CTS/DEX

(A) General Home Guard Duty in Peacetime for Men Between the Ages of 20 and 55 Years, 3 pp. UNCLASSIFIED

Full translation.

NORWEGIAN, per, Var Tjeneste, No 7, Norway. 15 Jul 1992, pp 105, 107.

ID GSUSA F-9126 A

NcEur - Norway

Sociological - Paramilitary, home guard

Nov 52 CTS/DEX

(b) The Officer Profession and General Education, by  
Major Mills Almroth, 7 pp. UNCLASSIFIED

Full translation.

NORWEGIAN, per, Var Haer, No 7, Norway, 15 Jul 1952,  
pp 116-118.

ID OSUSA F-9126 B

NoEur - Norway

Military - Officers

Nov 52 CTS/DEX

The Training of Officers in Our Army, 4 pp.  
(ID 1103076)., UNCLASSIFIED

Full translation.

NORWEGIAN, no par, Vor Haer, No 9, Sep 1952,  
pp 141-142.

ID OSUSA G-228

No Su - Norway

Military - Army, officers

1226

New Denmark in Northern Zealand, 4 pp. UNCLASSIFIED

Full translation.

DANISH, per, Vaer Vaer, No 10, 1952, p 17.

ID GSUSA F-9765

Holder - Denmark

Military - Denmark, Zealand 1952

Doc 52 CTS/DEX

Norwegian Defense Policy, by Benjamin Vogt, 8 pp.  
UNCLASSIFIED

Full translation.

NORWEGIAN, per, Var Haer, No 10, 15 Oct 1952,  
pp 166-169.

ID GSUSA F-9730

NoE - Norway  
Military - defense, policy

Nov 52 CTS/DEX



The Question of Promotion-Age Limits, 24 pp.  
UNCLASSIFIED

Full translation.

NORWEGIAN, per, Vaar Haer, No 2, 15 Feb 1953,  
pp 23-27.

ID GSUSA 0-515

Nobur - Norway  
Military - Promotion

May 53 JX CTB

2046

A. Frontier Conditions in the North and the  
Varanger, Battalion; B. The Soldiers' Pride, 3 pp.  
(ID 1274800) UNCLASSIFIED

NORWEGIAN, par, Var Haar, 15 Nov 1954, pp 161-164;  
Oslo.

G-2, GSUSA G-4071

NoSur - Norway  
Military

Mar 55 CTB/DEX

*22,432*

The Navy Today and in the Future, by Vadm Stig H.  
Ericson. UNCLASSIFIED

SWEDISH, per, Var Marin, 1959, pp 3-7.

Navy 2321/OBI 607

ForEur - Sweden

Nil

Oct 59

99,614

Navies Are Growing in the East and the West, by  
Cdr Torger Hulf. UNCLASSIFIED

SWEDISH, per, Var Maria, 1959, pp 14, 15.

Navy 2322/OHI 608

Worldwide  
Mil  
Oct 59

99,616

Sweden and Oil. UNCLASSIFIED

SWEDISH, per, M Var Mario, 1959, p 39.

Navy 2324/ONI 609

NorEur - Sweden  
Econ  
Oct 59

99,617

Characteristics of Coast Artilleries Largest Landing  
Craft PLUTO. UNCLASSIFIED

SWEDISH, per, Var Marin, 1959, p 54.

Navy 2320/ONI 606

NorZur - Sweden

Mil

Oct 59

99,615

(DC-3801)

The Party to the Masses, by Axel Jansson, 8 pp.

SWEDISH, per, Var Tid, No 2, 1961, pp 45-51.

JPRS 12440  
5

HoEur - ~~SECRET~~ Sweden  
Pol  
Feb 62

184,995

(DC-3801)

A Swedish Communist View of Marxism, by  
K. Backstrom, 5 pp.

SWEDISH, per, Var Tid, Vol XVII, No 3,  
1961, pp 90-94.

JPRS EE 11159

MoKbr - Sweden  
Pol  
Dec 61

176, 252



(DC-3801)

The Communist Program, ~~NY~~ 3 pp.

SWEDISH, per, Vax Tid, Vol XVII, No 6, 1961,  
pp 189-192.

JPRS 12540

NoEur - Sweden  
Pol  
Feb 62

*184,994*

(DC-3801)

LESSONS FROM the 22nd CPSU Congress, by Axel  
Jansson, 14 pp.

SWEDISH, per, Var Tid, Vol XVIII, No 1, 1962,  
pp 13-20.

JPRS 13754

HoSur - Sweden  
Pol  
May 62

196.932

(DC-3801)

Swedish Central Committee Statement on Personality  
Cult Settlement, 5 pp.

SWEDISH, per, Var Tid, Vol XVIII, No 1, 1962,  
pp 24-26.

JPBS 13754

NOBIS - Sweden  
Pol  
May 62

196, 933

SWEDISH COMMUNIST PARTY PREPARESK FOR XX 20TH  
CONGRESS: HAGBORG'S 30 MARCH REPORT TO THE CENTRAL  
COMMITTEE, BY HILDING HAGBERG, 22 PP.

SWEDISH, PER, VAR TID, VOL XIX, NO 2, 1963,  
PP 33-47.

*North Eur*

JPRS 20005

~~WE~~-SWEDEN

POL

JUL 63

235,392

SWEDISH COMMUNIST PARTY PREPARES FOR 20TH CONGRESS:  
CENTRAL COMMITTEE ANNOUNCEMENT OF 20TH CONGRESS,  
3-6 JANUARY 1964, 6 PP.

SWEDISH, PER, VAR TID, VOL XIX, NO 2, 1963,  
PP 65-68.

JPRS 20005

*Nur Eur*  
~~SE-SWEDEN~~  
POL  
JUL 63

235,391

R ERIK KARLSSON ANALYZES THE SITUATION IN THE  
COMMUNIST WORLD FOR SWEDISH READERS, BY ERIK  
KARLSSON, 14 PP.

SWEDISH, PER, VAR TID, VOL XIV, NO 5, 1963,  
PP 153-162.

JPRS 22262

WE-SWEDEN  
POL  
DEC 63

244,807

URBAN KARLSSON ON PROBLEMS OF PROPAGANDA  
DISSEMINATION, BY URBAN KARLSSON, 7 PP

SWEDISH, PER, VAR TID, VOL XIX, NO 5, 1963,  
PP 174-178.

JPRS 22262

WE-SWEDEN  
POL  
DEC 63

244,809

USDA

R-7140-D  
13 June 66

Stromming och sydkustsill som foder till avelsmink  
From: VARA PALSDJUR #3 3/15/64 pp58-52            ( 3 pp)

Swedish - est for wds:

Translate and type 1 original copy only. Do not mutilate  
document.



USBA 19873-ARS-66

R-7141-D  
13 June 66

Strömsing och sill som föder till svin  
From: VARA PALANDE # 4/15/66 pp 66-67

( 2 pp )

Swedish - est for wds:

Translate and type 1 original copy only. Do not mutilate document.

USDA 19873-ARS-66

R-7142-D  
13 June 66

My experimentell teknik möjliggör noggranna studier av  
harens tillväxt

From: VARA PALSDJUR #12 12/1/64 pp180-182 (3 pp)

Swedish - est for wds:

Translate and type 1 original copy only. Do not mutilate  
document.

The Variations of the Rotational Speed of the  
Earth, by Anna Stoyko.  
FRENCH, rpt, La Variation de la Rotation de la  
Terre, Jun 1964, pp 189-194. P911173966  
NEC SC-T-66-0761

Sci/Astron. & Astrophysics  
Jan 67

317,564

Variation of Initial Velocity of Low Charges in  
Relation to Various Factors (LCB 130), 12 pp.  
FRENCH, rpt, Variation Des Vitesses Initiales des  
Charges Faibles en Fonction de Divers Facteurs  
(LCB 130),  
ACSI I-6306  
ID 2204057564

WEur - France  
MI  
Mar 65

276,942

Tests on the Magnetic Roasting of Hematite,  
by G. V. Korshak.

GERMAN. Mon. Bergmann. Ann., 1951  
1951, pp 50-51.

Broken Hill Prop Co Ltd  
(CRL/T 390)

Sci - Phys  
Dec 61

115, 134

Some Results Obtained From Tests With Oil-Fired  
Heating Boilers, by E. O. Jonsson

NORWEGIAN, per, Varme, Vol XVI, No 5, 1951, pp  
39-100, 108-115.

Nat'l Res Council Canada TT 350

Scientific - Engineering  
Aug CTS/DEI

16,882

HEW/Air Polln. SA-1745-67

R-7340-D  
16 Aug 66

Investigation of oil burners for single family houses

By: Lindaa, Halge

From: VANCE V 30(5):124-127

(4 pp )

Swedish - est for wds:

Translate and type 1 original and 1 carbon copy.

Karlsson, Wilhelm.  
THE POSSIBILITIES OF USING LIQUID FUEL IN  
IRON AND STEEL WORKS. June 48, 23p.  
Order from SLA \$2.60    60-18818

Trans. of Värmlandska Bergmansforening.  
Annaler (Sweden) 1946, p. 47-94.

DESCRIPTORS: Iron, Steel, Processing, \*Fuels,  
Liquids, \*Fuel oil, \*Oil burning furnaces, Fuel  
consumption.

(Metallurgy, TT, v. 7, no. 6)

60-18818

I. Karlsson, W.

Office of Technical Services



Army Material Progress, by Bjorn Berg, 9 pp.  
UNCLASSIFIED"

Full translation.

SWEDISH; MO per, Vart Fokyer, No 3, 1952, pp 7-14.

G-2, OUSA F-9766

NoE - Sweden  
Military - Materiel, Army, Supplied logistics.

Nov 53 CTS/DEX

6924

7601

Infantry Tank, 6 pp. UNCLASSIFIED

SWEDISH, per, Vart Forsvar, No 2, 1953, pp 22-31.

G-2, GSUSA G-1183

MEur - Sweden  
Military

Sep 53

5645

Current Problems in the Army's Catering Service,  
by Per Odensjo, 7 pp.

SWEDISH, per, Ma Vert Forsvar, No 2, 1956, pp 11-23,  
Stockholm.

ACB, I, G-8552

HoEur - Sweden  
Military  
May 1957 CRB/dex

4  
87,560

Material Procurement of the Army -- A Problem  
of Readiness for War, by Col Bengt Brunowitz,  
7 pp, (ID 1266677) UNCLASSIFIED

SERIES, par, ~~Vart~~ <sup>4</sup> ~~Vart~~, No 2, 1954,  
Stockholm, pp 6-15.

G-2, GSUSA G-3258

RCRur - Sweden  
Military -

Dec 54 CTS

20,508

A. Our Economic Defense; B. The Naval Plan and  
the Year's Budgetary Requests; C. The Navy's  
Operating Bases, 8 pp. UNCLASSIFIED

SWEDISH, per, Vart Forsvas, No 4, 1959, Encl to  
Ser No 18-60, US NA, Stockholm, 12 Jan 1960.

Navy/ONI 5086067

HorEur - Sweden

Mil

Feb 60

107,731

Future Plans for the Army (Sweden), 5 pp. UNCL.

SWEDISH, per, Vart Forsvar, No 2, 1959.

ID 2120544

HoSur - Sweden

MI1

Oct. 59

100,282

The Westland Railway, a Step Further, by H.  
Crosland, 6 pp.

ROMFOLIA, per, Vart Yrke NSB, No 6, 1955,  
pp 74-75, 96, No 1 to No 295-56.

ACS, I, G-6300

Norway - Norway

Economic - Transportation, rail

Apr 56 GRS/dex

33,162

(NY-10)

A Solution of the System of Nonlinear Algebraic Balance Equations of Gas-Mixture by "Univac-60" Digital Computing Machine, by N. Parezanovic, J. Petric, 11 pp.

CROATIAN, per, Visiona, No 4, 1960, pp 120-125.

JPRS 11546

Sci - Math

178, 261

Jan 62



Electrification and Dieselization of the Czechoslovak Railways, by E Jozso Vrbna, 4 pp.

HUNGARIAN, per, Vasut, No 3, Mar 1959.

ACSI, H-3768

EEur - Czech

Econ

Jul 59

92,003

Experiments With Long Rails on the Delta Line at  
Hatvan (Hungary), by Laszlo Lengyel, 5 pp. UN-  
CLASSIFIED

HUNGARIAN, per, Vasut, 25 Jan 1960.

ACSI H-6249

EE - Hungary  
Econ  
Jun 60

118,490

Examples to Determine Terms of Transportation of  
Shipments, Extending Beyond the Loading Gage, by  
Karoly Rozsnyai.

HUNGARIAN, per, Vasuti, X, No 3, 1960, p 20.  
(Call No TF4, V34, Eng Tr )

AMS

LEA - Hungary  
Econ  
Sept 60

125,954