

Absorption and Evolution of Hydrogen in Iron at  
High Temperatures, by F. Pihlstrand.

SWEDISH, per, Jernkontorets Annaler, Vol CXXI,  
No 5, 1937, pp 219-231.

BISI 2224

Sci - Chem

Sep 61

170,100

Grinding Microscopic Specimens on Lead Disc With  
Fixed Abrasives, by K. Amberg

*SWE DISH*  
~~English~~, Jernkontorets Annaler, Vol CXII, 1937,  
pp 603-614.

Brutcher No 572

\$1.20

Scientific - Engineering

*12.371*

The Value of Charcoal for Blast Furnace Operation,  
by L. Bengstrom.  
Metall. Ind., Jenkinson. Ann. Vol 122, No 6, 1938,  
pp 221-242.  
MISI 7248

sci/ materials  
sept 69

393,040

Lining for the High Frequency Furnace, by B. Stal-  
hane, V. Anderson.

*S. E. D. H.*  
Göteborg, Jernkontorets Annaler, Vol. CXXIII, 1939.

Butcher Tr No 833

\$7.70

Scientific - Minerals/Metals

*12,328*

Investigation of the Penetration of Steel in  
Moulding Sand, by N. Pettersen. UNIL

SWEDISH, per, Jernkontorets Ann, Vol CXXXV,  
1910, p 40.

British Iron and Steel Ind  
(no number given)

Ref - HAN/Hat  
Sep 59

98, 330

AVERSTEN, J.  
AUTOGENOUS DRESSING FOR REMOVING SUR-  
FACE DEFECTS FROM INGOTS AND BLOOMS  
[1961] 7p. (4 figs. omitted)  
Order from SLA \$1.10

J. Aversten

Trans. of Jernkontoret [Stockholm]. Annaler (Sweden)  
1940 [v. 126] no. 3, p. 217-224.

DESCRIPTORS: Steel castings. Surface properties.  
Processing. Fracture (Mechanics). Oxygen. Cutting  
torches. Economics. Castings.

(Metallurgy--Ferrous Metals, TT, v. 7, no. 5)

Office of Technical Services

Carbonising in Charcoal Kilns and Local Small-  
scale Charcoal Burning, by H. Bengtsson.  
STATIST. BER. Jernkon. Ann., Vol 124, No 6,  
1940, pp 265-273.  
BISI 7249

sci/ materials  
oct 69

394,295

61-18520

Phragmen, G. and Treje, R.  
A COMPARATIVE INVESTIGATION OF METHODS OF  
DETERMINING THE NITROGEN CONTENT IN STEEL  
AND IN ALLOYS. [1961] [22]p. 86 refs.  
Order from S.I.A \$2.60

61-18520

Trans. of Jernkontoret [Stockholm]. Annaler (Sweden)  
1940, v. 124, no. 9, p. 511-531.

DESCRIPTORS: \*Steel, \*Chemical analysis, \*Iron,  
\*Nitrogen, Determination.

I. Phragmen, G.  
II. Treje, R.

184084

Office of Technical Services

(Unannounced)



61-18541

J. Petré, J.

Petrén, J.  
AN INVESTIGATION OF THE REDUCIBILITY OF  
LAKE AND BOG ORES IN COMPARISON WITH THAT  
OF HEMATITE AND MAGNETITE ORE. [1961] 10p.  
Order from SLA \$1.10                      61-18541

Trans. of Jernkontoret [Stockholm]. Annaler (Sweden)  
1940, v. 124, no. 11, p. 589-599.

DESCRIPTORS: \*Ores. \*Iron. \*Magnetite. Sources,  
Metallurgical analysis.

184092

Office of Technical Services

(Unannounced)

Methods for the Production of Metals and Ferro-  
Alloys, Particularly Under Swedish Conditions, by  
Axel Lindblad, Bo. Kalling, 18 pp.

SWEDISH, per, Jernkontorets Armalet, Vol CXXV,  
1941, pp 333-422.

S.L.A. Tr No 304/1955

Sci - Minerals/Metals  
Jan 1957 CTS/dex

44, 955-

61-18467

I. Nathorst, H.

Nathorst, Helmer.  
THE MANUFACTURE OF TOOL STEEL IN THE  
UNITED STATES. [1961] 28p. (9 figs. omitted).  
Order from SLA \$2.50      61-18467

Trans. of Jernkontoret (Stockholm). Annaler (Sweden)  
1941, v. 125, no. 12, p. 663-694.

DESCRIPTORS: \*Tool steel, \*Manufacturing methods,  
Steel industry.

184053

Office of Technical Services

(Unannounced)

Influence of Manganese and Silicon Upon the  
Quantity of Carbon Dissolved in as-annealed Steel,  
by Carl Benedicks.

*SWEDESH*  
~~GERMAN~~, ~~JERNKONTORETS~~ Jernkontorets Annaler, Vol CXXVI,  
1942.

Brutcher Tr 1584

Scientific - Min/Metals                      \$2.50

*12,694*

Hultgren, Axel and Edström, Olov.  
GRAPHITISATION OF MARTENSITE ON HEATING.  
[1961] 14p. (2 figs. omitted) 16 refs.  
Order from SLA \$1.60                      61-18485

Trans. of Jernkontoret [Stockholm]. Annaler (Sweden)  
1942, v. 126, no. 3, p. 83-107.

DESCRIPTORS: \*Martensite, \*Heating, \*Cast iron,  
\*Graphite, Iron castings, Castings.

(Unannounced)

61-18485

- I. Hultgren, A.
- II. Edström, O.

184060

Office of Technical Services

Electrolytic Polishing and its Applicability  
in the Preparation of Metallographic  
Specimens, by E. Lowgren and G. Hildebrand,  
13 pp.

SWEDISH, per, Jernskrotets Ann, Vol CXXVI,  
No 4, 1942, pp 131, 142. (Loan Copy Only).

SLA 57-3018

Sci

Aug 58

71,423

NATHORST, H. Modern permanent-magnet materials.  
Jernkont. Annlr 126(10):471-525 (1942) (CRL/T. 4001x)

An Etching Method for Identifying Lead in Micro-  
structure of Free-Cutting Steel Alloyed With Lead,  
by A. von Vegesack. UNCL

SWEDISH, per, Jernkont Ann, Vol CXIV, 1942,  
pp 559-567.

British Iron and Steel Ind  
(no number given)

Sci - Ingr  
Sep 59

98, 419



Hamos, L. von.  
THE ELECTROLYTIC POLISHING OF METALS FOR  
MICROSCOPICAL INVESTIGATIONS. Feb 44, 18p.  
(2 figs. omitted) 2 refs.  
Order from SLA \$1.60

61-18455

Trans. of Jernkontoret [Stockholm]. Annaler (Sweden)  
1942, v. 126, no. 12, p. 568-590.

DESCRIPTORS: \*Electrolytic polishing, Steel,  
Stainless steel, Copper, Brass, Aluminum.

(Unannounced)

61-18455

L. Hemos, L. von.

184046

Office of Technical Services

Mörtzell, Sture and Villner, P. Vilhelm.  
FINE-SCREENING INVESTIGATIONS, I. [Feb 44]  
23p. (9 figs omitted) 10 refs.  
Order from SLA \$2.60                      61-18519

Trans. of Jernkontoret [Stockholm]. Annaler (Sweden)  
1943. v. 127, no. 4, p. 98-128.

DESCRIPTORS: \*Strainers, Test results, Grains  
(Metallurgy). Ores, Powder metallurgy.

(Unannounced)

61-18519

I. Mörtzell, S.  
II. Villner, P. V.

184083

Office of Technical Services

Spectroanalysis of Molybdenum and Tungsten in  
Cores, by C. G. ~~Carlsson~~ Carlsson

*SWE DISK*  
~~UNCLASSIFIED~~, per, Jernkontorets Annaler, Vol CXXVII,  
No 11, 1943.

Brutcher No ~~18~~ 1797  
\$5.55

Scientific - Min/Metals

19,609

<p>Kjerrman, Hans. A TEST METHOD FOR THE INDIRECT DETERMINATION OF HYDROGEN IN STEEL. [1961] 10p. (3 figs. omitted). Order from SLA \$1.10</p>	<p>61-18549 I. Kjerrman, H.</p>
<p>Trans. of Jernkontoret [Stockholm]. <u>Annaler</u> (Sweden) 1944, v. 128, no. 1, p. 1-12.</p>	<p>184095</p>
<p>DESCRIPTORS: *Steel, Chemical analysis, *Hydrogen, Determination, Test methods, Hydrogen embrittlement.</p>	<p>Office of Technical Services</p>
<p>(Unannounced)</p>	

<p>Öhman, Einar. THE CARBIDES IN THE IRON-MANGANESE-CARBON SYSTEM. [1961] 3p. Order from SLA \$1.10</p> <p>Trans. of Jernkontoret [Stockholm]. <u>Annaler</u> (Sweden) 1944, v. 128, no. 1, p. 13-16.</p> <p>DESCRIPTORS: *Carbides, *Radiographic analysis, Iron, Manganese, Carbon, Single crystals, Alloys.</p>	<p>61-18551</p> <p>I. Öhman, E.</p> <p>184096</p> <p>Office of Technical Services</p>
--	---

(Unannounced)

Electrolytic Polishing of Very Small Surface  
Areas, by E. Knuth-Winterfeldt, 7 pp.

SWEDISH, per, Jernkontorets Ann, Vol CXXVIII,  
No 2, 1944, pp 77-80. (Loan Copy Only).

SLA 57-3017

Sci

Aug 58

71,430

Do/

61-18544

Villner, Lars and Norrö, Allan.  
FURNACE ATMOSPHERES IN ARC FURNACES AND  
THEIR EFFECT ON THE HYDROGEN AND  
NITROGEN CONTENTS OF THE STEEL. [1961]  
27p. 16 refs.  
Order from SLA \$2.60                      61-18544

Trans. of Jernkontoret [Stockholm]. Annaler (Sweden)  
1944, v. 128, no. 3, p. 105-134.

DESCRIPTORS: \*Electric furnaces, \*Steel, Hydrogen  
embrittlement, Nitrogen, Chemical analysis.

I. Villner, L.  
II. Norrö, A.

184094

Office of Technical Services

(Unannounced)

Application of Electron Microscope in Metallogra-  
phy, by H. Mahl, 7 pp.

SWEDISH, par, Jernkontorets Ann, Vol CXXVIII, No 4,  
1944, pp 160-164. (Loan copy only)

SLA 57-2790

Sci  
Aug 58

70,878



Helmer, Gwert.  
SURFACE DEFECTS ON INGOTS AND BILLETS.  
[1963] 61p, 23 refs.  
Order from SLA \$6.60                      63-16852

Trans. of Jernkontoret [Stockholm]. Annaler  
(Sweden) 1944, v. 128, no. 9, p. 457-520.

DESCRIPTORS: \*Steel, Porosity, \*Castings, Surfaces,  
Fracture (Mechanics), Molding, Molding materials,  
Hot working, Friction.

(Metallurgy--Ferrous Metals, TT, v. 10, no. 8)

63-16852

1. Title: Ingot structure
2. Title: Billets
1. Helmer, G.

Office of Technical Services

On the Relation Between the Hydrogen Content  
in Iron, Temperature and Hydrogen Equilibrium  
Pressure, by G. Phragmen.

SWISS, per, Jernkont. Ann. Vol 12/8, No 10,  
1944, pp 537-552.  
BISI 4901

Sci-M&M  
Jul 66

306,201

Primary Etching of Steel for Segregation Structure,  
by K. Amberg, A. Hultgren

*SWEDESH*  
~~English~~, Jernkontorets Annaler, Vol CXXIX, 1945, No 6,  
pp 293-295.

Butcher No 1773

\$1.80

Scientific - Minerals/Metals

*12,374*

<p>Norro, A. and Lundquist, S. THE MISCIBILITY GAP IN THE Fe-S-C SYSTEM AT CARBON SATURATION IN THE FeO 2000°K - 1400°K TEMPERATURE RANGE. [p. 47] 6p. (Fig. omitted) 4 refs. Order from SIA in \$1.80, 10 \$1.80      60 18677</p> <p>Trans. of Jernkontoret [Stockholm], Annaler (Sweden), 1946, v. 139, no. 3, p. V18-V20.</p>	<p>60 18677</p> <ol style="list-style-type: none"><li>1. Carbon iron alloys - Phase studies</li><li>2. Iron sulfur systems - Phase studies</li><li>3. Sulfur Diffusion</li><li>1. Norro, A.</li><li>11. Lundquist, S.</li></ol>
<p style="text-align: center;"><i>142,823</i></p> <p>(Unannounced)</p>	<p style="text-align: center;">Office of Technical Services</p>

Temperature Measuring in Molten Steel (Excerpts),  
by Sven Fornander

*SWEDISH*  
~~English~~, par. Jernkontorets Annaler, Vol I, No 7,  
1947, pp 208-225, 237-279.

3  
S.L.A. Tr Pool

✓  
M Scientific - Minerals/Metals  
CTS/ENIX

14,348

High Speed Steels With Reduced Tungsten Content,  
by K. Amberg

*SWEDISH*  
~~SWEDISH~~, Jernkontorets Annaler, Vol CXXX, No 6, 1946.

Brutcher Tr No 1863

\$3.00

Scientific - Minerals/Metals

*12,375*

Oxidation and Decarburization by Robbins and  
Rolling, by G. Wallquist. UNCL

SWEDISH, FOR, Jernkont Ann, Vol (XXXXII, No 5,  
1948, pp 123-174; No 6, pp 175-212.

British Iron and Steel Ind  
(no number given)

Sci - Chem  
Sep 59

98,427

Influence of Small Lead Contents on Behavior of  
Austenitic Stainless Steel in Forging and Rolling, by  
S. Bergh.

*SWEDISH*  
~~SWEDISH~~, *BT*, Jernkontorets Annaler, Vol CXXXII, No 6,  
1968, pp 213-220.

Brutcher Tr No 2215

Scientific - Min/Metals

\$1.50

*13,997*



A Vacuum Induction Furnace, by R. M. ...  
UECL

SWEDISH, per, Jernkont Ann, Vol CXXXII, No 7,  
1948, pp 237-242.

British Iron and Steel Inst  
(no number given)

Sci - Engr  
Sep 59

98,255

Aging of Steel, by B. D. Enlund. 12 p.  
SWEDISH, per, Jernkontoret, Vol 133, No 1, 1949  
SLA TT-66-10456 pp. 1-28

Sci-M&M  
Jul 66

306,075

Stress Corrosion Cracking of Stainless Steel, by  
Helmer Mathorst.

*IV*

SWEDISH, per, Jernkontorsta Annalar, Vol CXXXIV,  
No 3, 1950, pp 97-133.

*TR 1600*  
*\*Navy, 1095/BuShips 632*

Sci - Min/Mat

*48,258*

Jun 57

The Electrolytic Extraction of Manganese, by  
Bengt Sandberg, 23 pp. UNCLASSIFIED

Full translation.

*SWEDISH*

~~SECRET~~, per, Jernkontorets Annaler Arg, 134 H4, 1950.

CIA/FDD/X-916

Scientific - Chemistry  
Jun 53 CTS/DEK

26 79

Fracture Grain Size, Austenite Grain Size, and  
Martensite Structure, by B. D. Enlund,

*SWEDISH*

~~DEEN~~, per, Jernkontorets Annaler, Vol CXXXIV,  
No 11, 1950, pp 553-555.

Butcher No 3207  
\$1.75

Sci - Min/metals

*40,668*

Is Proeutectoid Ferrite or Cementite Continuous With  
Pearlite Ferrite or Pearlite Cementite?, by S. Modin.

Full translation.

~~RUSSIAN~~ <sup>SWEDISH</sup>, per, Jernkontorets Annaler, Vol CXXXV, No 4,  
1951, pp 169-174.

Brutcher Tr 2310

Scientific - ASM Metallographic exhibit, paper,  
grand prize

Investigation of the Corrosion Resistance in  
Metals and Alloys, by G. Wallquist.  
Svensk Papperst., Jernkon Ann., Vol 135, No 6, 1951,  
pp 197-210.  
EISI 6030  
NLL REF: 9022.6 (6030)

Sci-lat  
sep 68

365,621

Isothermal Transformation of Austenite, by  
Rultgren et al. UNCLASSIFIED

SWEDISH, per, Jernkontorets Ann, 1951, Vol CXXXV,  
pp 403-494.

Co-op Tr Scheme  
Tr 734  
(L3.10.0)

Sci - Phys  
Apr 58

62,667



How to Obtain Good Micrographs at High Magnification. Some Optical Points of View, by S. Modin, L. H. Eriksson

*SWEDISH*  
DUNGH, per, Jernkontorets Annaler, Vol CXXXVI, No 1, 1952, pp 1-8.

Brutcher Tr 3275

\$4.80

38,519

Sci - Min/Metals  
Sep 56 CTS

Rock Drilling by Carbide Tipped Drills, by T. Ekstam  
E . Ryd.

SWEDISH, per, Jernkontorets Annaler, Vol CXXXVI,  
No 3, 1952, pp 41-58.

CRL/T.881

Sci  
Dec 62

Research on Products of the Attack on Silico-  
Aluminous Refractories by Liquid Steel, by F.  
Wahlberg, L. Fredholm. UNCL

SWEDISH, per, Jernkont Ann, Vol CXXVII, No 1,  
1953, pp 1-26.

British Iron and Steel Ind  
(no number given)

Sci - Min/Mat  
Sep 59

98,425

Large Silicate Inclusions in Acid Open-Hearth  
Ball Bearing Steel During Different Stages, of  
the Heat, by S. Baeckstrom, 13 pp.

SWEDISH, per, Jernkontoret [Stockholm], Annaler,  
Vol CXXXVII, No 4, 1953, pp 117-126.

SLA 60-10299

Sci

Jun 60

118,340

Determination of Coarse Slag Inclusions in High  
Carbon Steel, by Covert Helmer, 11 pp.

SWEDISH, per, Järnkontoret [Stockholm], Annaler,  
Vol CXXXVII, No 4, 1953, pp 128-138.

SLA 60-10293

Sci

Jun 60

118,342

Spectrographic Determination of Lead in Ferro-  
titanium, by A. Larsson

*SWEDISH*

~~REPORT~~, per, Jernkontorats Annalor, Vol CXXXVII,  
No 6, 1953, pp 191-193.

Butcher No 3837  
\$2.40

Sci - Min/Metals  
Dec 56 CTS

*H1, H21*

Tough-to-Brittle Transition Temperatures and  
Aging Characteristics of Titanium-Stabilized  
Low-Carbon Steels, by A. Josefsson, B. Nelson

*SWE45H*

~~BURGH~~, per, Jernkontorets Annaler, Vol CXXXVII,  
No 10, 1953, pp 725-743.

Bratcher No 3846

89.90

*42,893*

Sci - Min/Metals  
Jan 57 GIS

Diffusion of Carbon in the Different Phases  
of Carbon Steel, by H. Millert, R. D. Sharp.  
SWEDISH, per, Jernkont. Ann., Vol 137, Nov.,  
1953, pp 785-790.  
BISI 4876

Sci-Materials  
Oct 66

310,490



Spectrophotometric Determination of Aluminium  
in Steel, by E. Arnvold, et al. UNCL

SWEDISH, per, Jernkontorets Annaler, Vol CXXXVII,  
1953, pp 819-826.

British Iron and Steel Ind  
(no number given)

Sci - Phys  
Sep 59

98,175

Direct-Reading Spectrographic Determination of  
Phosphorus in Steel and Iron Ore, by C. Georg  
Carlsson, Lars Danielsson, 20 pp.

SWEDISH, per, Jernkontoret Annaler, Vol CXXXVIII,  
No 7, 1954, pp 383-403.

SLA 60-18662

Sci

Apr 61

Direct-Reading Spectrographic Determination of  
Phosphorus in Steel and Iron Ore, by C. Georg  
Carlsson, Lars Danielsson, 20 pp.

SWEDISH, per, Jernkontoret Annaler, Vol CXXXVIII,  
No 7, 1954, pp 383-403.

SLA 60-18662

Sci

Apr 61

146,127

Calculation of Roll Pressure and Energy  
Consumption in Hot Rolling, by Gunnar Wallquist,  
27 pp.

SWEDISH, per, Jernkontoret Annaler, Vol CXXXVIII,  
No 9, 1954, pp 539-572.

SIA 60-18663

Sci

Apr 61

146,163

High Temperature Chemistry, by L. G. Sillen, 26 pp.

SWEDISH, per, Jernkontorets Ann, Vol. 138, No 12,  
1954, pp 759-776.

SIA TR 57-2:000

Sci

65,780

A Special Type of Ingot Cracks Resulting From  
Certain Impurities in Steel, by P. Hjärmson,  
H. Nathorst.

SWEDISH, per, Jernkontorets Annaler, Vol CXXXIX,  
1955, pp 422-438.

Henry Bratcher  
Tr No 3880  
\$1.90            45,132

Sci - Min/Metals  
Mar 1957 CIB/dex

Swedish Rolling Mills (Fagersta Stackel Mill,  
Sandvikens and Hagfors' Semi-Continuous Mills),  
by S. Rydman. UNCL

SWEDISH, pnr, Jernkontorets Ann, Vol CXXXIX, 1955,  
pp 636-640, 647-686, 692-695.

British Iron and Steel Ind  
(no number given)

Sai - Engr  
Sep 59

98,373

Swedish Rolling Mills (Pagarsta Stackel Mill,  
Sandvikens and Hagfors' Semi-Continuous Mills),  
by S. Ryhagen. UNCL

SWEDEN, par, Jernkontorets Ann, Vol ~~CXXXI~~, 1955,  
pp 636-640, 647-686, 692-695.

British Iron and Steel Ind  
(no number given)

Sci - Rogr  
Sep 59

98, 373



Swedish Rolling Mills (Fagersta Steel Mill,  
Sandvikens and Hagfors' Semi-Continuous Mills),  
by S. Ryhagen. UNCL

SWEDISH, per, Jernkontorets Ann, Vol CXXXIX, 1955,  
pp 636-640, 647-686, 692-695.

British Iron and Steel Ind  
(no number given)

Sci - Engr  
Sep 59

98,375

Electronics, ... by Sehardt. UNCLASSIFIED

SWEDISH, ... pp 809-810.

Iron and Steel Inst Tr 556  
(L5)

61-12725

Sci - Engr; Biol  
Aug 58

71,724

Physiological Viewpoints on Working Positions  
and Work Kinetics, by Astrand, <sup>UNCLASSIFIED</sup>

SWEDISH, per, Jernkontorets Annaler, No 10,  
1955, pp 817-828.

Iron and Steel Inst Tr 954  
(L3.10.0)      61-18400

Sci - Med  
Aug 58

71,722

Backlogs - Preventative Measures - Working Positions,  
by Arlegren. (DECLASSIFIED)

GERMANY, FOR, Fernkonkrete Anzeiger, No 10, 1958,  
pp 829-846.

Iron and Steel Inst Tr 255  
(16.10.0)

Sci - Ind  
Aug 58

71, 12 3

Determination of Carbon and Sulphur in the Steel  
Sample (of Steel), by Bjerkerud.

SWEDISH, per, Jernkontorets Ann, Vol CXXXIX, 1955  
pp 847-852.

Co-op Tr Sch Tr 720

Sci - Min/mat, Chem  
Feb 58

58, 244

Forces and Work During Hot Sawing, by  
G. Wallquist. J  
SWEDISH, per, Hernkont. Ann., Vol 140, No 1,  
1956, pp 5-23.  
BISI 4353

Sweden/NE  
Sci/M&M  
Apr 66

298,911

Spectrographic Solution Methods for the Analysis of  
Slags, by S. Bergenfelt.

SWEDISH, per, Jernkontorats Annaler, Vol CXL, No 1,  
1956, pp 75-80; Vol CXLI, No 4, 1957, pp 231, 232.

Brutcher Tr 3879  
\$4.80

Sci - Chemistry

Jan 58

*57,030*

Reduction Structures of Iron Powders, by J. O.  
Edstrom.

SWEDISH, per, Jernkontorets Annaler, Vol CXL,  
No 2, 1956, pp 116-129.

Brutcher Tr 3886  
\$5.85

Sci - Physics  
Mar 58

60,360



Reduction Experiments on Steep-Rock Ore, by J. O.  
Edström.

SWEDISH, per, Jernkontorets Annaler, Vol CXL,  
N No 2, 1956, pp 130-136.

Brutcher Tr 3842  
\$2.90

Sci - Min/Met

Jan 53

57,025

The Magnitude of the Mill Spring in Hot Rolling, by  
G. Wallquist, K. Gedin.

SWEDISH, per, Jernkontorets Ann, Vol CXL, 1956,  
pp 155-187.

ASLIB-GB41

Sci  
AUG 59

94, 565

Surface Conditioning of Ingots and Billets, by  
G. Kihlgren.

SWEDISH, per, Jernkontorets Annaler, Vol CXL,  
No 4, 1956, pp 314-344.

BIBI 2159

Sci - Min/Metals

168,501

Sep 61

list 110

Tests to Determine Carbon and Sulfur in a  
Combustion Furnace With H.F. Heating, by Elgh.

SWEDISH, per, Jernkontorets Ann. Vol CXL, No 5,  
1956, pp 373-387.

Co-op Tr Sch Tr 585  
(2.5.0)

Sci - Engr  
Jan 58

57,690

Polarization Measurements for Improved Pickling  
Practices in Steel Industry, by K. H. Brakstad.

SWEDISH, per, Jernkontorets Annaler, Vol CXL,  
No 7, 1956, pp 512-519.

Henry Bratcher  
Tr 3907  
\$5.85

Sci - Min/Metals, metalwork      50,690  
Aug 57

**Stress Corrosion of Austenitic Stainless Steels  
in Low-Pressure Steam and in Hot Water, by S.  
Brennert, H. Nathorst.**

**SWEDISH, per, Jernkontorets Annaler, Vol CXL,  
No 11, 1956, pp 839-853.**

**Henry Bratcher 3831  
\$9.30**

**Sci - Chem**

**Jan 59**

*79,600*

Radiological Thickness Gauging in Hot Rolling,  
by Warral, Wahlberg. UNCLASSIFIED

*H. S.*  
SWEDISH, ser, Jernkontorets Ann, No 12, 1956,  
pp 907-929.

*Iron and Steel Inst*  
Co-op Tr: ~~Seh~~ *Sv*  
Tr 930

61-18359

Sci - Min/Met  
Aug 58

68,833

The Influence of Mill Spring on the Manufacture  
of the Rolled Product, by H. Marrol. UNCL

SWEDISH, per, Jernkont Ann, Vol CXXI, No 1,  
1957, pp 28-35.

British Iron and Steel Ind  
(no number given)

98,429

Sol - Engr  
Sep 59



Apparatus for Determination of Hydrogen in Steel,  
by Bjerknerud.

~~GERMAN~~ <sup>SWEDISH</sup> per, Jernkontorets Ann. Vol. CXXI, 1957,  
pp 90-99.

Co-op Tr Serv Tr      613  
( 2.10.0)

Sci - Engr  
Nov 57

55, 867  
Butcher Tr 4027 <sup>4028</sup>  
\$ 3.75 <sup>↑</sup> \$ 4.40

Refining of Steel With Oxygen in a Rotating Furnace  
by the 'Kaldo' Process, by B. Kalling, F. Johansson.

SWEDISH, per, Jernkontorets Annaler, Vol CKLI, No 4,  
1957, pp 189-209.

Brutcher Tr 4025  
\$9.50

Sci - Min/Met

Jan 58

57,031

A Process of Direct Reduction of Iron Ore Concentrate  
by Carbon Monoxide Without Fusion, by O. Stelling,  
I. Pereswetoff-Morath.

SWEDISH, no per, Jernkontorets Annaler, Vol CXLI,  
No 5, 1957, pp 237-260.

Henry Bratcher  
No 4000      53,195  
\$15.80

Sci - Chem; Min/Metals  
Sep 57

Method of Determining the Toughness of Brittle  
Materials, Particularly Sintered Carbides, by  
S. Palmqvist.

SWEDISH, per, Jernkontorets Annaler, Vol CXXI,  
1957, pp 300-307.

BISI 1865

Sci - Min/Met

148,126

May 61

New Experimental Results Concerning the  
Importance of the Surface Effect on Fatigue,  
by O. Lissner. UNCLASSIFIED

SWEDISH, par, Jernkontorets Ann, Vol CXLI,  
No 7, 1957, pp 380-389.

Iron and Steel Inst Tr 996  
(I3.O.O)

71, 745

Sci - Min/Met  
Aug 58

Stress Relief of Stainless Strip by Tempering,  
by Kazinczy. UNCLASSIFIED

SWEDISH, per, Jernkontorets Ann, No 1, 1958,  
pp 5-14.

Brutcher Tr

Sci - Min/Net  
Aug 58

68, 848

Manufacture of Spore from the  
Wiberg-Boderfors Process, by N.  
Kihlander.

SWEDEN, FOR, Jernkontors Annaler,  
Vol XLIII, 1958, pp 93-104.

Broken Hill Prop Co Ltd  
(CRL/T 211)

Sci - Engr  
Doc 61

145, 743

Some Experimental Investigations Regarding  
Wire-Drawing, by C. O. von Horsten, K. Lindstrand.  
UNCL

SWEDEN, par, Jernkontorets Annaler, No 3,  
1958, pp 128-164.

BISI 1331

(18 10s.0d.)

Sci - Engr  
Oct 319

99,607



X-Ray Fluorescence Analysis of Hard Metals and  
Carbides for the Production of Hard Metal,  
by L. Peterson.

SWEDISH, par, Jernkontorets Annaler,  
Vol CXLIII, No 4, 1958, pp 203-208.

~~SECRET~~  
Borsten Hill Prop Co Ltd  
(CRL/T.664)

Sci - Phys  
Apr 62

191,420

THE ISOTHERMAL TRANSFORMATION OF AUSTENITE IN CARBON  
STEELS CONTAINING 0.50% C AND 0.18% C, BY S. MODIN.

SWEDISH, PER, JERNKONTORETS ANNALER, VOL CXLII,  
NO 4, 1958, PP 209-211.

BISI 2951

SCI - M/M

OCT 62

LIST 153

214,820

Some New Sponge Iron Processes, by M. Wiberg.  
UNCL

SWEDISH, per, Jernkont Ann, No 6, 1958,  
pp 289-355.  
19

Henry Brucher 4615

Sci - Min/Met  
Sep 59

96,492

Water Technology in Iron and Steelworks Undertakings, by  
F. Jassénlin,

SWEDISH, per, Jernkontorets Annaler, No 6, 1958,  
pp 271-288.

RISI 1047

NoEur - Sweden

Econ

Jul 61

Use of Radioactive Isotopes in the Mining and the  
Iron and Steel Industries, by L.-G. Erwall.  
SWEDISH, per, Jernkont. Ann. Vol 1/42, No 7, 1958,  
pp 369-377.  
BLSI 5425

Sci-Mat  
Feb 68

349,026

The Hot Torsion Test as a Method of Assessment  
of the Forgeability of Steel, by G. Wallquist,  
J. C. Carlson. UFGC

SWEDISH, per, Jernkont Ann, No 1, 1959,  
pp 1-28.

*Handwritten:*  
NISI 1495

(LT 158.00.)

Sci - M.A./Mst  
Feb 60

*Handwritten:* 109,467

Folke, G. and Nygren, E.  
DECOMPOSITION OF MARTENSITE IN IRON-CARBON  
ALLOYS. [1962] 11p. (figs. tables Eng. refs. omitted)  
4 refs.

Order from SLA \$1.60

62-16986

Trans. of Jernkontoret [Stockholm]. Annaler (Sweden)  
1955, v. 139, no. 3, p. 200-204.

DESCRIPTORS: \*Carbon alloys, \*Iron alloys, \*Mar-  
tensite, Decomposition, X-ray diffraction analysis.  
\*Steel.

(Metallurgy--Ferrous Metals, TT, v. 9, no. 1)

62-16986

I. Folke, G.  
II. Nygren, E.

Office of Technical Services

A Study of the Influence of Different Factors on  
Rockwell C. Tests, by K. F. Lindstrand. UNCL

SWEDISH, per, Jernkont Annaler, Vol. CXLIII, No 1,  
1959, pp 29-35.

English translation  
Available Free From:

The Editor,  
Jernkontorets Annaler  
Kungstradgardsgatan 6,  
Stockholm C., Sweden



Automatic Control of Production Processes in  
Iron- and Steelworks, by S. Edling.

SWEDISH, per, Jernkontorets Annaler, No 8,  
1959, pp 457-486. *200,000*

BISI 1884

Sci - Engr

Jan 61

*136,078*

The Shaking Ladle, a New Metallurgical Tool, by  
S. ~~shastorpp~~ Eketorp. UNCL

SWEDISH, ~~per~~, Jernkont Annaler, No 6, 1959,  
pp 487-507.

HB 4760

287.5/15.00

MT 05

(L 7 10-0) 103,077

Sci ~~Engr~~  
+ ~~INDIAN~~  
Dec 59

Methods for Determination of Grain Size, by F.  
Schucher, L. Janerot.

SWEDISH, per, Jernkontorets Annaler, Vol CXLIII,  
No 9, 1959, pp 593-612.

\*TIL T 5152

WorEur - Sweden

Econ

Jan 61