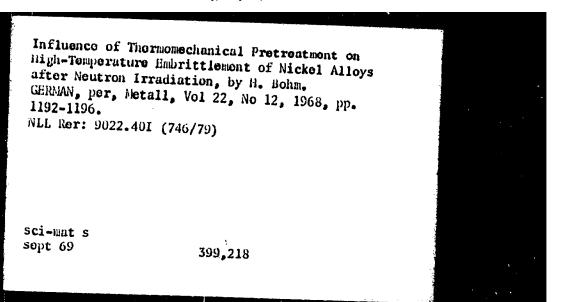
Contribution to the Fe-W-Zn System, by H. A. Matting. GERMAN, per, Metall, 22, 1968, pp. 992-994 \*NBS TT 70-57273

Sci/mater Jul 70

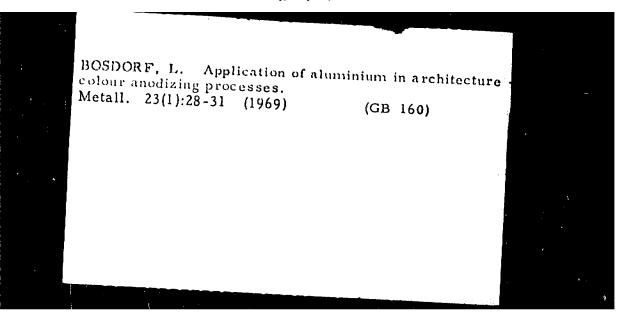


GERMAN:

Metall Part II. Dec. 68. pp 1266-1271

DIA LN 86-73

(Septemb er 72)



Magnetic Anisotrpy and Its Practical Significance, by H. Fahlenbrach.
GERMAN, per, Metall, Vol 23, 1969, pp 109-118.

NLL Ref:9022.401 (746-228)

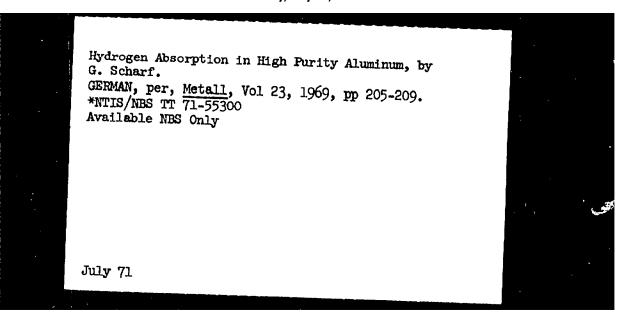
Sci-Materials
Feb 70

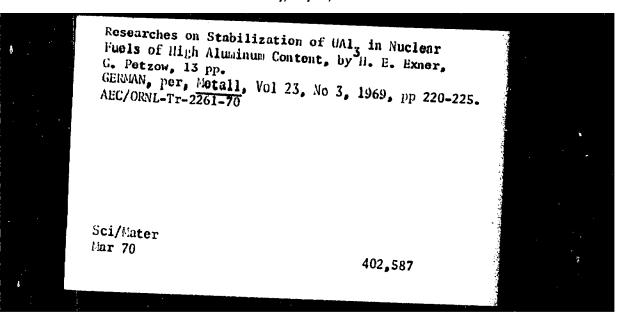
401,563

GORNL-tr-2549) MAINTAINING CLEAN AIR IN NON-FERROUS METAL OPERATIONS. PART III. TECHNICAL MEASURES FOR MAINTAINING PURITY OF THE AIR. Knop, W. 1 stormal lab., Tenn.), from 1115 Metall; 23; No. 2, 182-9(1969). 1720 26p. 24Dep. NTIS.

26 Convironmental studies; methods and equipment; translations 21

28 MN-38 29 NSA





The Structure and Mechanical Properties of Powder Metallurgically Produced Iron-copper Alloys, by C. Idesner, G. Wassermann. GERMAN, per, Metall, Vol 23, 1969, pp 414-417. NLL Ref: 9022.401 (746-233)

BISI-7612

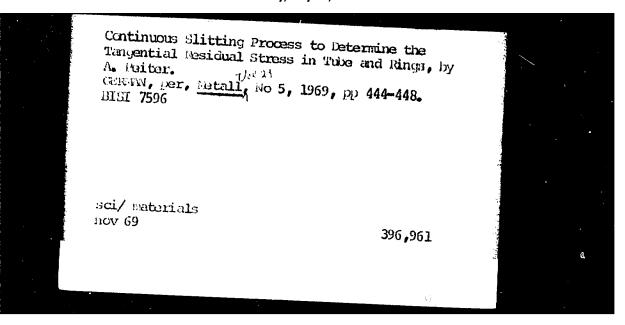
Sci-Materials Feb 70

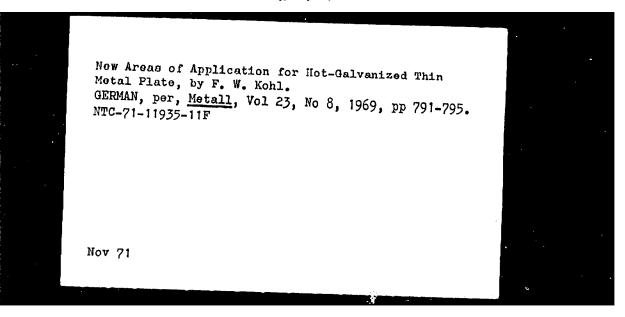
401,537

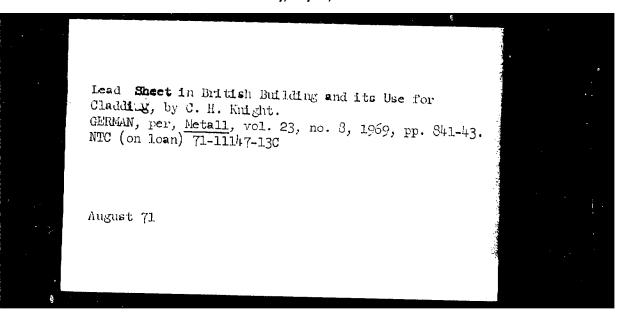
The Incorporation of Selenium in Electrodeposited Thin Peralloy Films and Its Influence on Magnetic Properties, by I. Franz, J. L. Jostan. GERMAN, per, Metall, Vol 23, 1969, pp 418-424. NLL Ref: 9022. 401 (746-276)

Sci-Materials Feb 70

401,527



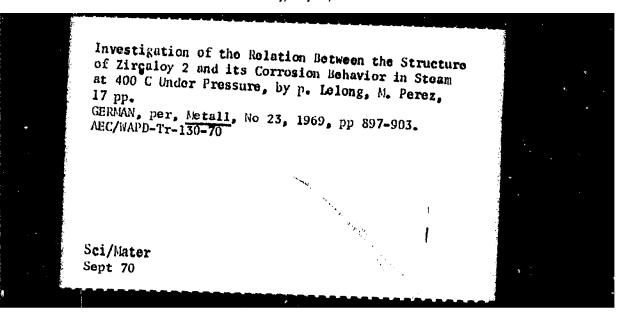


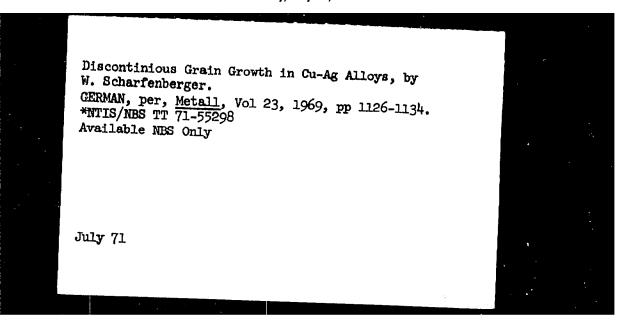


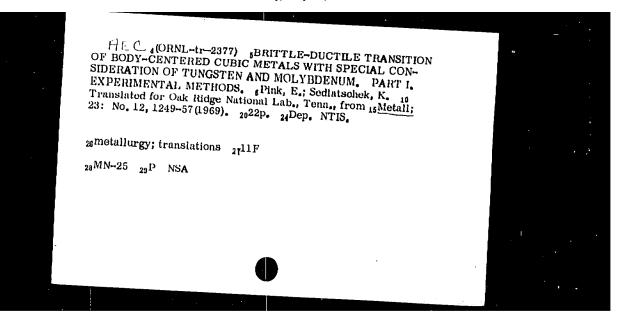
A Realistic Stress Corrosion Test, by P. Brenner,
18 pp.
GERMAN, per, Metall, Vol 23, No 9, 1969, pp 879-886.
AEC/UCRL-Tr-10432-69

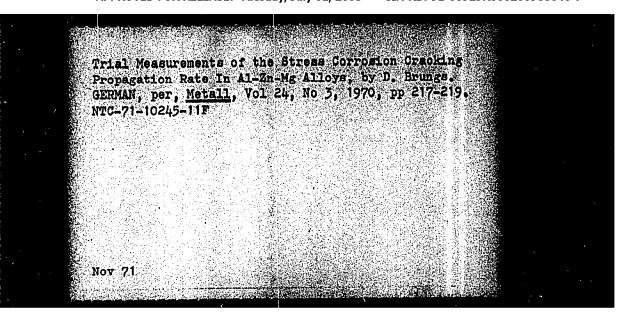
Sci/Mater
Apr 70

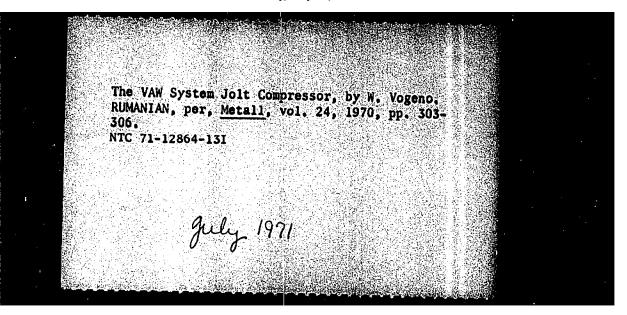
405,703

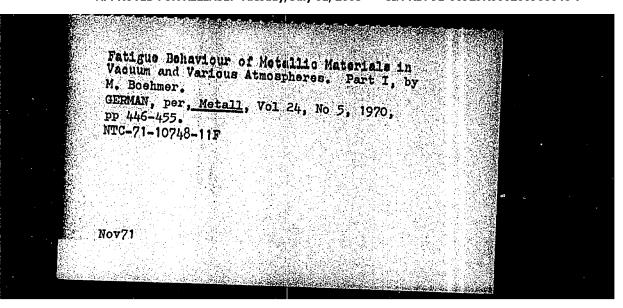


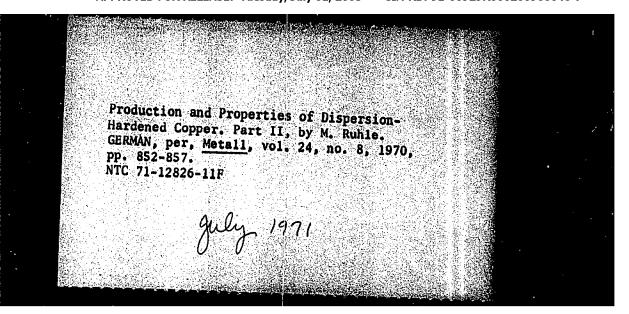


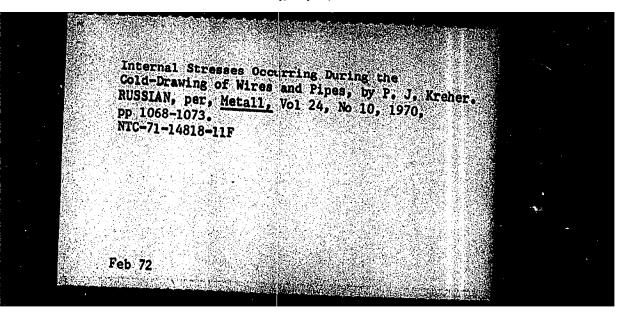


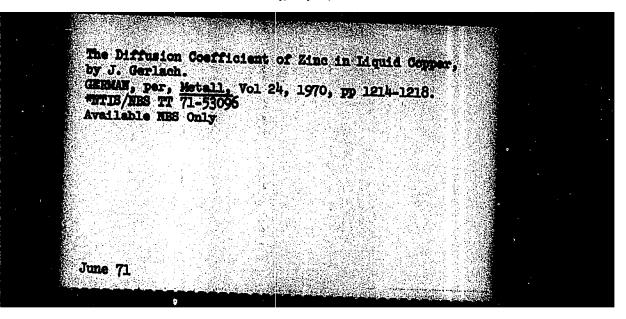


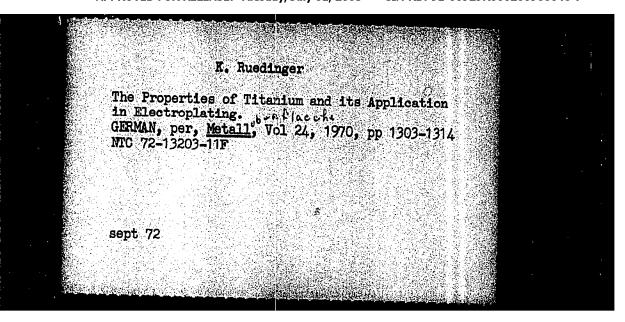


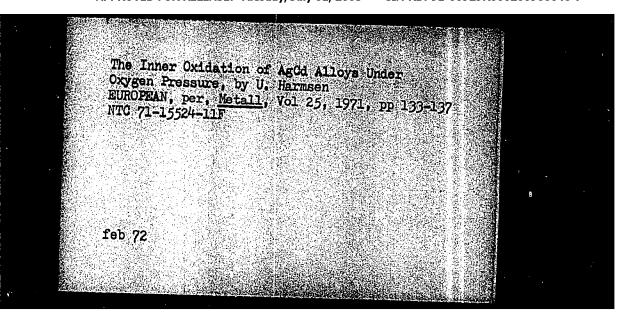


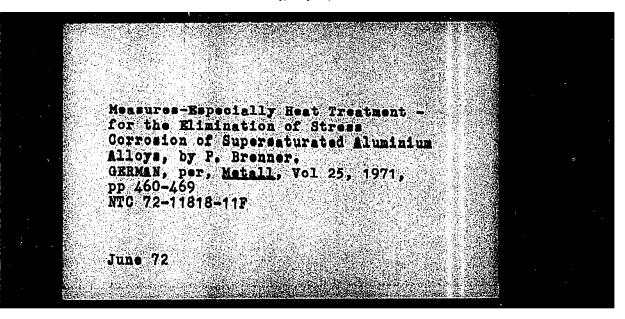








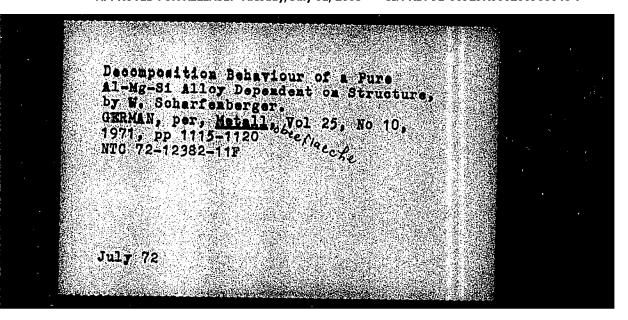


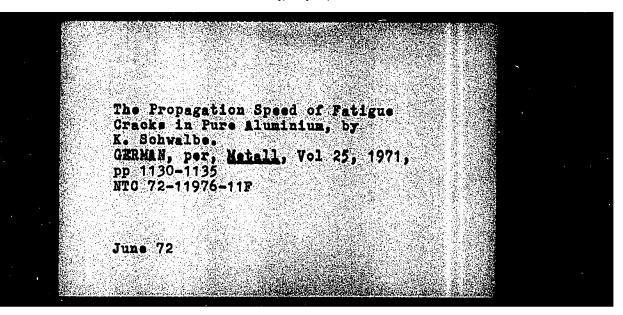


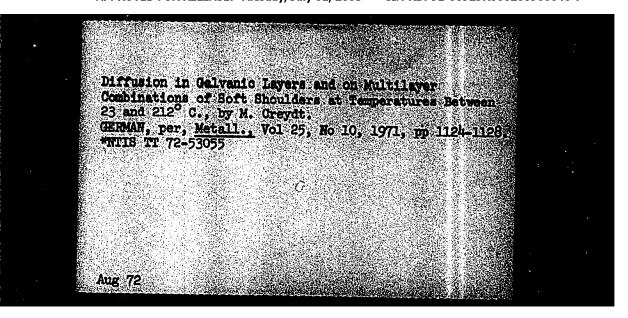
Internal Stresses in Electrodeposited Nickel-Containing SiC and Al.O. Particles and Their Influence on the Fatigue Strength of Ck 45 Steel by E. Broszeit, GERMAN, per. Metall., Vol 25, Oct., 1971, pp 1110-1114.

BISI 10122

Sep 72







Scientific Investigations and Technological
Developments, Metal-Vapor Clouds, by
H. Foppl et al.
GERMAN, rpt, Metalldampfwolken 1965 or 1966.
NASA TT F-10,040

U. S. GOVERMENT USE ONLY
Sci- M/M
Sum 66 302,062

Diffusion in Multiphase Alloy Systems, by Theo Heumann, 28 pp GERMAN, per, Metallkunde, Vol 58, 1967, pp 168-174. P911354367 AEC LA-Tr-67-75

Sci-Materials Nov 67

344,268

The Structure of Face-Centred Cubic Metals on Hot Working, by B. Drube.

GERMAN, per, Metall K, Vol 58, No 11, 1967, pp 799-804.

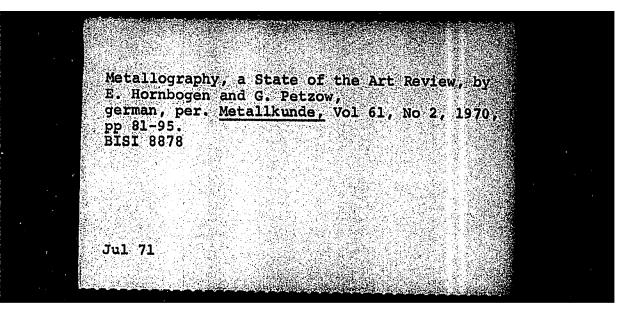
\*BISI 8535

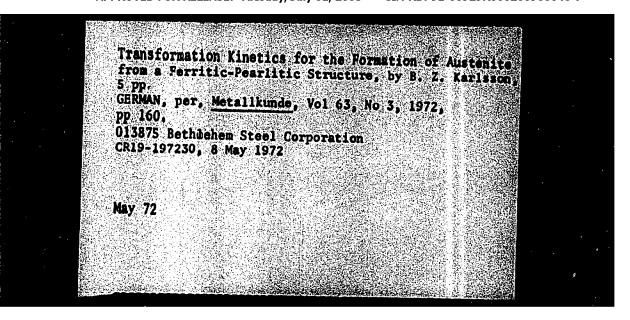
Sci-Mat Sep 70

Concentration Changes in Binary Metal-Gas Solutions in the Case of Simultaneous Evaporation of Gas and Metal, by Gerhard Hoerz, 14 pp. GERMAN, per, Metallk., Vol 60, 1969, pp 115-120. AEC/ORNL-Tr-2170-69

Sci/Chem Dec 69

396,034



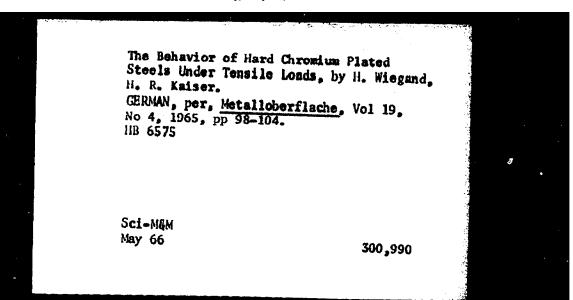




Effect of Hard Chromium Plating on the Fatigue Strongth of [High and Low] Alloy Steels and Gray Cast Iron, by H. Weigund, H. R. Kaiser.
GERMAN, per, Metalloberflache, Vol 19, No 1, 1965, pp 1-8.

EE-Cormony Sci/MGN NAr 66

297,238



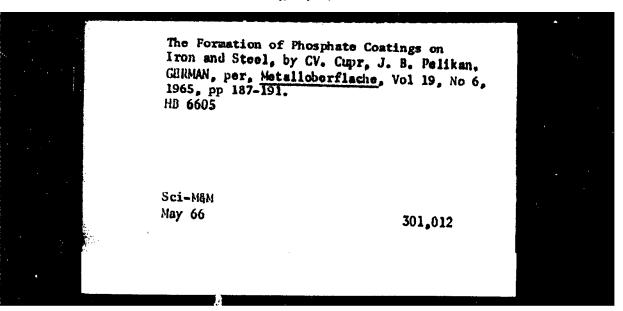
A New Process for Electroless Nickelplating, by
K. Lang.
GERMAN, per, Metalloberflaeche, Vol 19, 1965, pp B133B138.
NTC-71-12079-11F
NB 6834

Nov 71

Metallographic and X-ray Diffraction Studies of Hard Chromium Deposits, by H. Wiegand, H. R. Kaiser.
GERMAN, per, Metalloberflache, Vol 19, No 6, 1965, pp 161-173.
HB 6606

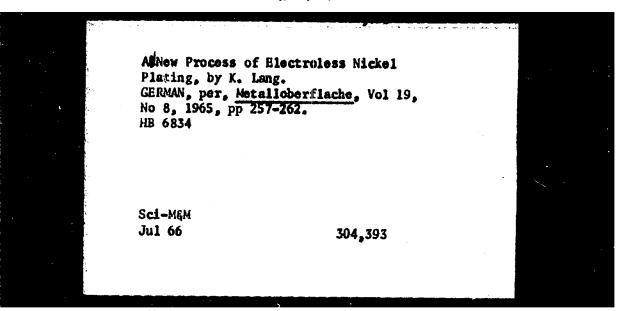
EE-Germany Sci/Mam Apr 66

298,875



The Formation of Phosphate Coatings
on Iron and Steel, by V. Cupr, J. B.
Pelikan.
GEMAN, per, Metallober/laeche, Vol 19,
1965, pp 230-1
TC-1829

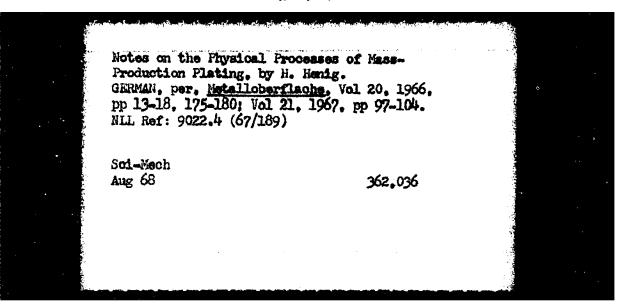
331, 555
Sci - Materials
Jul 67



Effect of Contamination by Iron Upon the Operation of Cyanide Zinc [Plating] Baths, by F. Hasko, GERMAN, per, Metalloberflache, Vol 19, No 8, 1965, pp 263-264.
HB 6893

Sci-Mam Jul 66

304,391



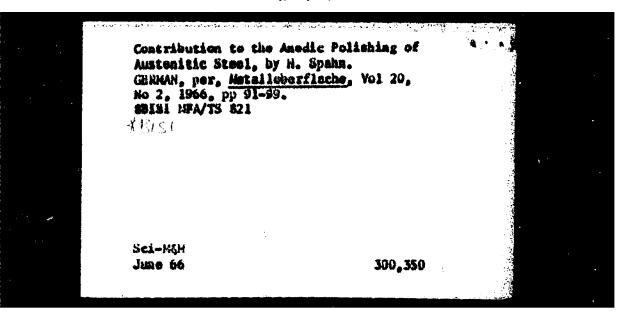
The Application of Tracer Techniques to the Study of Electrodeposition, Pt 1, by E. Raub.

GERMAN, per, Metalloberflache, Vol 20, 1966, pp 62-66.

NLL Ref:9022.4 (68/170)

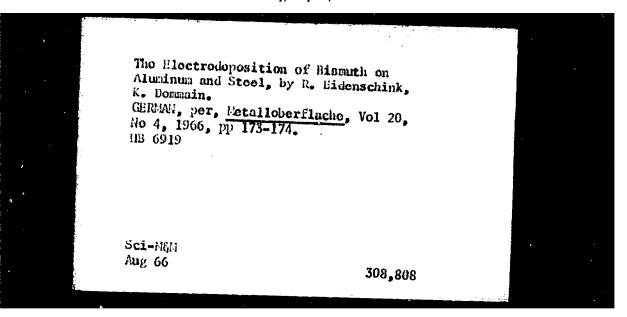
Sci-Elec Mar 69

376,999



The Influence of Machining and Electro-Chamical Treatment on the Behaviour Under Mechanical and Chemical Stressing of an Austenitie Hickel-Chromium Steel. I - Evaluation of Literature and Experimental Details. II - Results of Botating-Beam Tests, by H. Wiegand, H. Spekhardt. (MERMAN, per, Metalloberflache, Vol 20, Jan 1966, pp 2-10 - I; Apr 1966, pp 165-172 - II. BISI 4987

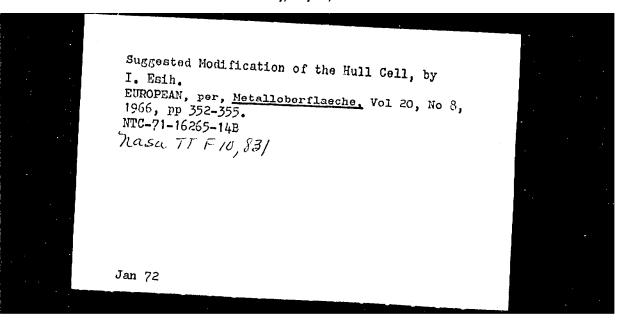
314,499 Sci - Mechanical, Industrial Civil, and Marine Engineering Dec 66

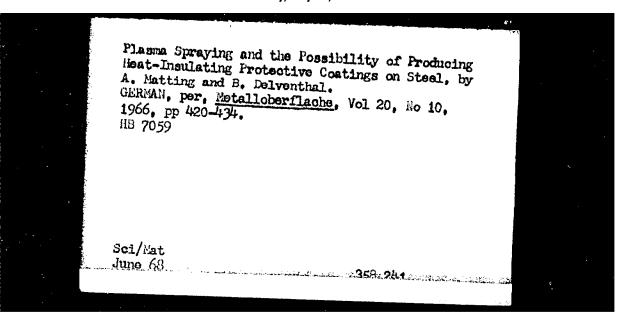


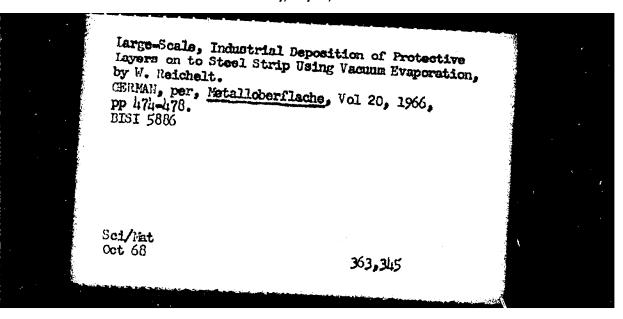
The Protective Michanism of Emulsifiable Oils Against Damage to Materials by Cavitation and Corrosion, by H. Wiegand, R. Schulmeister. GERMAN, por, Metalloberflache, Vol 20, No 6, 1966, pp 265-268.

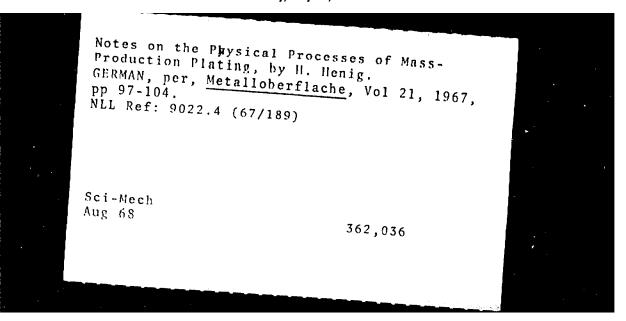
Sci/Materials
Jan 67

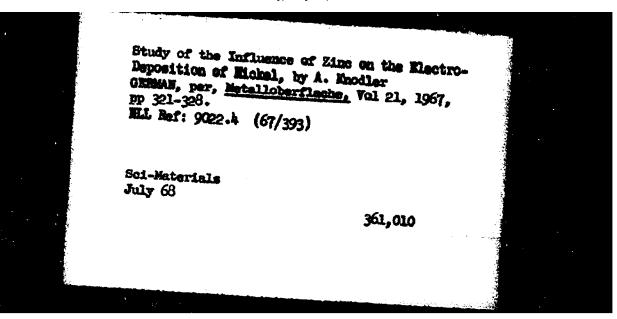
317,937

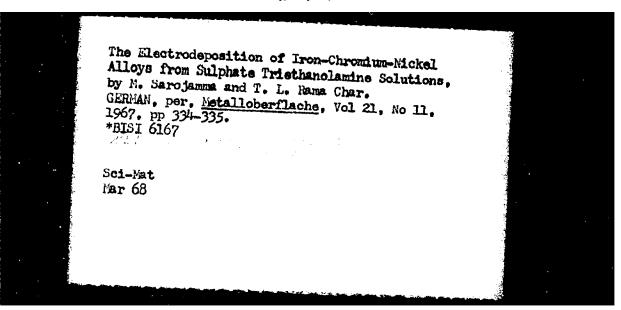


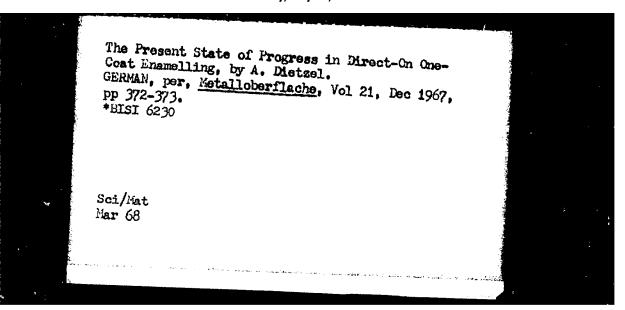


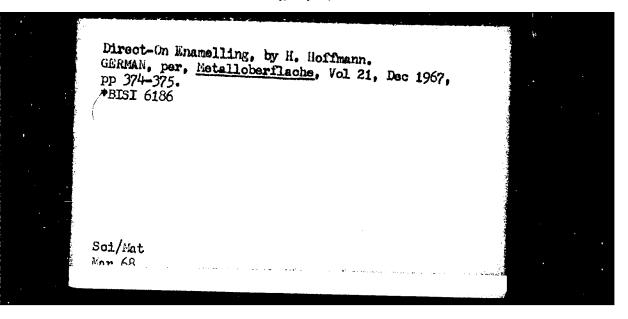












The Behavior of Selenium in Plating Baths, by E. Raub.

GERMAN, per, Metalloberflache, Vol 22, 1968, pp 1-7.

NLL Ref: 9022.4 (68/284)

Sci-Chem Oct 69

395,174

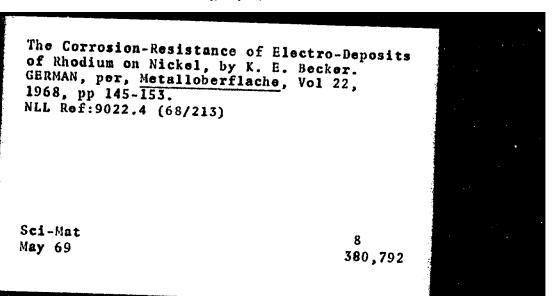
The Application of Tracer Techniques to the Study of Electrodeposition, Pt 2, by E. Raub.

GERMAN, per, Metalloberflache, Vol 22, 1968, pp 75-79.

NLL Ref: 9022.4 (68/170)

Sci-Eele mar 69

377,000



The Physico-Chemical Principles and the Field of Application of Electrolytic Heating, by E. Eichhorn.

GERMAN, per, Metalloberflache, Vol 22, No 7, 1968, pp 213-216. No 8, 1968, pp 240-245.

CERGE O.A. 706

Sci-Elec Oct 69 394,603

Plasma-Spraying of Oxide Ceramic Materials: Properties and Behavior of Plasma-sprayed Deposits, by F. Eichhorn, J. Metaler. GERMAN, per, Matalloberflache, Vol 22, 1968, pp 225-234. NLL Ref: 9022.401 (746/10)

Sci-Materials Nov 69

395,674

Nickel-cadium Deposits in Gas Turbines, by
M. P. Malik.
GEMAN, per, Metalloberfleche, Vol 22, 1968,
pp 235-239.
NLL Ref: 9022.401 (746/26)

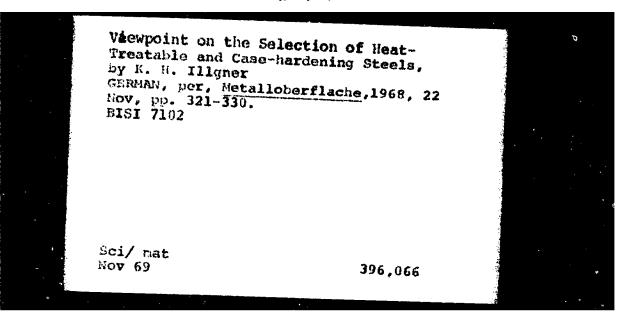
Sci-Prop & Fuels
Nov 69

395,673

New Short-Time Corrosion Test for Phosphated or Chromated, Painted and Galvanised Steel Sheet, by W. Machu, GERMAN, per. Metalloberflache, Vol 22, 1968, pp 274-277.

HB 8035

Sci/Mat May 70



Changes in Properties of Structural Components
by Salt-bath Nitroding (Tenifer Process), by
B. Finnern.
GERMAN, per, Metalloberflache, Vol 22, 1968,
pp 330-335.
NIL Ref: 9022.401 (746/70)

Sci-Chem
Oct 69

395,185

GERSCHA, A. and WEIDINGER, H.G. Combined salt bat gas nitriding of austenitic chromium-nickel alloys.

Metalloberfläche 22:336-41 (1968) (NLL-GB 245/LTI-74

MLL- BB 245/LTI-74

NLL- BB 245/LTI-746-7/

Stress-Corrosion Cracking Behaviour of Rust and Acid-Resistant Austenitic Steels in Alkaline-Earth Metal Halide Solutions, by H. Wiegand.

GERMAN, per, Metalloberflache, Vol 22, Dec. 1968, pp 353-361.

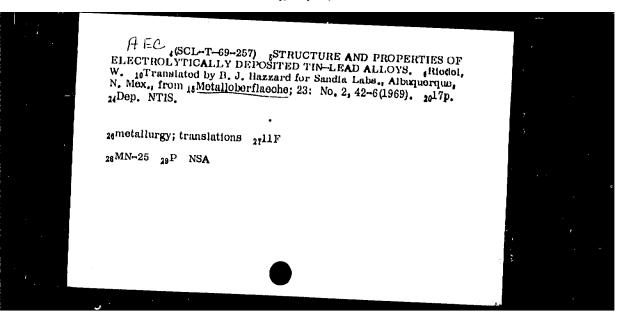
BISI 7156

sci/materials

CIHAL, V. and LEHKA, N. Problem of inter-crystalline and knife-line corrosion of welds in corrosion-resistant steels.

Metalloberfläche 22:368-77 (1968) (NLL:GB 245/LTI-746-85).

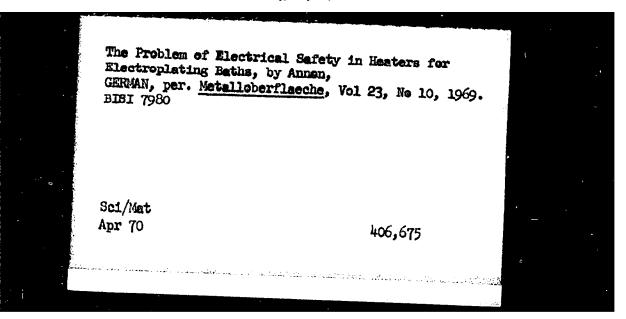
NLL Ref: (022.40) (744/85)



Surface Protection of Heat-resistant Materials, by P. Hoch, J. Bren.
GERMAN, per, Metalloberflache, Vol 23, 1969, pp 13-16.
NLL Ref: 9022.401 (746-271)

Sci-Materials
Feb 70

401,534

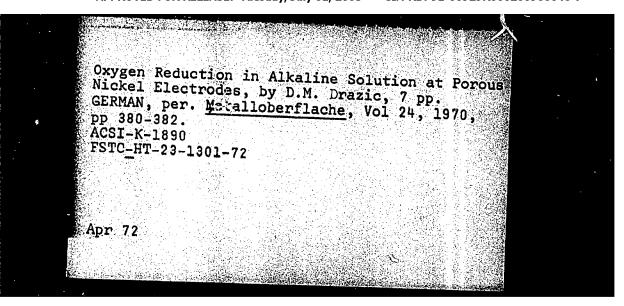


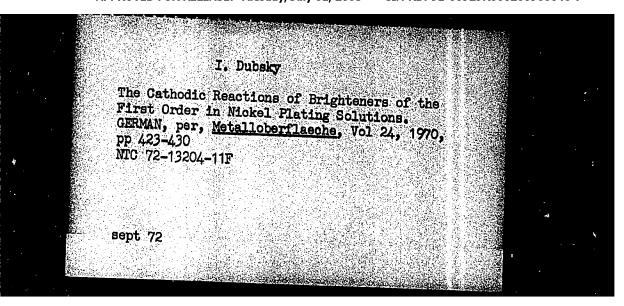
PhilipsicAntimony and Nickel-Iron-Selenium Thin Films for Data Storage Electrodeposition, by A. F. Bogenschutz, J. L. Jostan. GERMAN, per, Metalloberflache, Vol 23, 1969, pp 97-100. NLL Ref: 9022.401 (746-238)

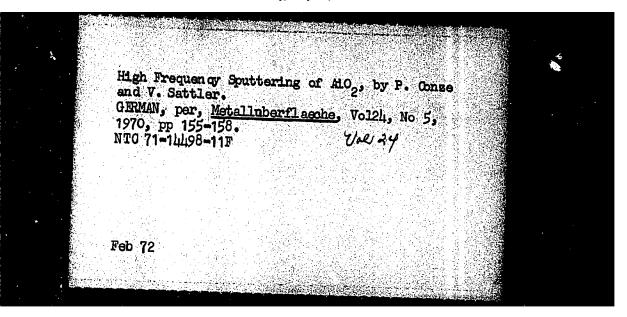
Sci-Materials Feb 70

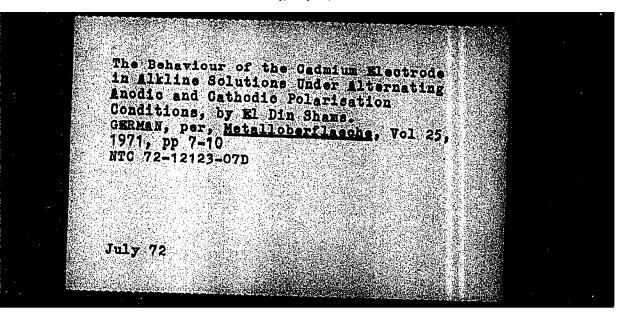
401,524

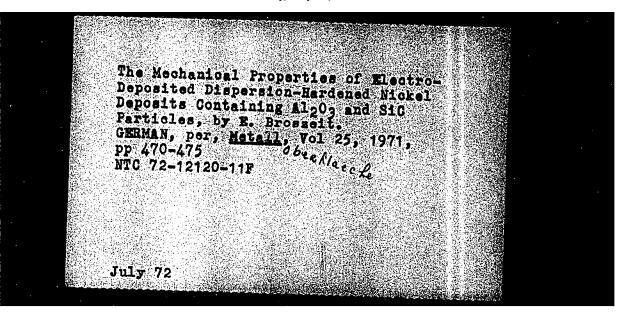
Influence of State of Hard Chromium Deposits and of Surface Zone of Substrate on Fatigue Strength of Cast Iron and Steel Components BY A. Buch, GERMAN, per. Metalloberflache, Vol 24, 1970, pp 124-129.
BISI 8662

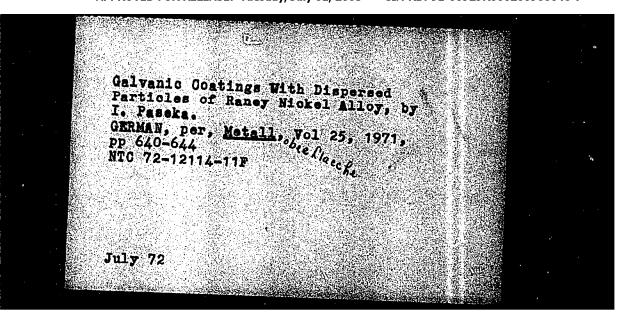


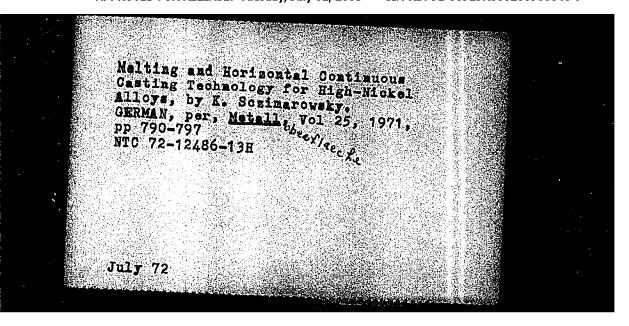


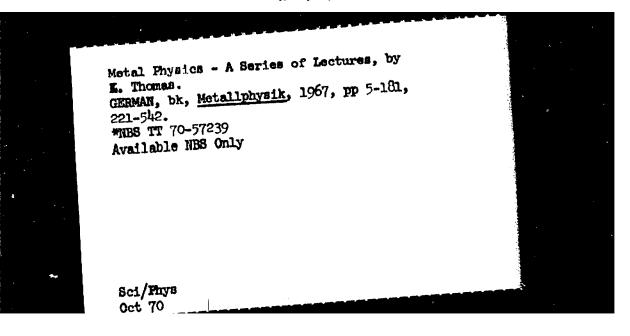












REQ TR CHECK 2-5-21 TEK2  EDUCATIONAL METHODS TEXTBOOKS ANON UR-METALURGIA 1966-1967, pp 102-145  WAT 72-24-1151  May 72	•