

Tamori, Y.

On techniques for preventing public nuisance.  
NETSU KANRI SHIRYO, v. 23, n. 10, p. 48-53, 1971  
NTC 73-11011-13B

Hidec, S.

Concerning dust collectors for coal charging cars  
and coke discharging cars.

NETSU KAWRI SHIRYO, 1972, v. 24, n. 3, p. 15-20.

NTC 73-12242-21D

Mueller, Dithelm

Technological Development of Brown Coal  
Mining Outlined, 7 pp.  
NEUE BERGBAUTECNIK, East Berlin, Aug 73,  
pp 625-627.  
JPRS 60476

Popa, Aron

Romanian Lignite Mining Described.

9 pp

NEUE BERGBAUTECHNIK, East Berlin, Vol 3, No 10,

Oct 1973, pp 752-755.

JPRS 60745

Siebold, Klaus

Mechanization in Brown Coal Industry Discussed,  
14 pp.

NEUE BERGBAUTECHNIK, Leipzig, Vol 3, No 12,  
Dec 73, pp 873-879.

JPRS 61327

Mar 74

Wagner, Ernst

Reclamation of Power Plant Slag Dumps Described,  
11 pp.  
NEUE BERGBAUTECHNIK, Leipzig, Jan 74, pp 30-34.  
JPRS 61643

Apr 74

Taubert, Heinrich

Mining of Potash and Rock Salt Discussed, 10 pp.  
NEUE BERGBAUTECHNIK, Leipzig, Vol 4, No 1,  
Jan 74, pp 5-8.  
JPRS 61690

May 74

Winter, Siegfried

Status of Technology in Mining and Smelting  
Complex Described, 7 pp.  
NEUE BERGBAUTECHNIK. Leipzig, Feb 74, pp 119-  
122.  
JPRS 62107

Sen 74



Oueharsen, Klaus

Potash Mining Technology Discussed, 9 pp.  
LEUZE BERGBAUTECHNIK, Leipzig, Mar 74, pp 169-173.  
JPRS 62326

Mar 74

STEREOL, PLANS  
//LTH LTHA LTHA//  
--/00/1000, 10000, 10000, by 0001-0000  
Brown Coal Mining Developments Sketched 3 pp  
Type 4300  
H

ZIMMER, R.  
//1955 DELTA ZIMMER//  
--/--/1973, V----, N0002,  
Ductile Iron for Gas and Water Piping: New  
Practical Developments,  
pp 40-57, EICI 1004/00

Subsidies, Credits for Crop, Animal Production  
Detailed, 6 pp.  
NEUE DEUTSCHE BAUERNZEITUNG, East Berlin,  
30 Nov 73, pp 15-16.  
JPRS 61114

Mar 74

Winkler, G.

Determination of the Prices of Iron Ores  
NEUE HUTTE, 1959, Mar., pp. 148-151  
BISI 11248

Mumme, E.

Development of Equipment for Injecting Solids  
into Molten Steel.

NEUE HUTTE, 1983, Jan., No.1, pp.41-42.

BISI 12011

Peters, R. et al

Pre-Oxidation and Alloying of Steel Melts by  
Means of the Injection Process.

NEUE HUTTE, 1963, Jan., No.1, pp.43-47.

BISI 12012

CONCERNING SOME PROMISING TECHNIQUES FOR THE  
PROTECTION OF SINTERED IRONS AND <sup>STEEL</sup>

REBSCH ~~AND OTHERS~~ <sup>complete 19 pp</sup> LANGUAGE-GE COUNTRY-GE

*Heinz*

NEUC HUETTE VOL 12 NO 1 JAN 1967 PP 43-48

ESTC-HT-23-0773-74



Loscher, H., et al.

Production and Properties of St. 45/60

NEUE HUTTE, August, 1967, Vol. 12

No. 8, pp 475-481

BISI 6234

Markworth, H.

Preparation of Metallographic Specimens of Ferrous Materials by Electrolytic "Slide" Polishing for Direct Microscope Observation.

NEUE HUTTE, 1968, Vol. 13, Nov. pp.684-89.

BISI 11130

Beckmann, G.

On Thermoelastic Investigations into the Acoustical Detection Behaviour of Non-Metallic Substances in Steel.

NEUE HUTTE, 1970, Vol. 15, No. 8, pp.493-497.

BISI 11316

Schrader, R.

Manufacture of Tungsten Powder from Mechanically  
Activated Tungstic Acid.

NEUE HUTTE, 1970, Vol.15, Oct., pp.581-585.

BISI 11146

Lietzmann, K.D.

Influence of the Cleanliness, Surface Condition  
& Structure on Susceptibility of pre-Stressed  
Concrete Wire to Stress Corrosion.  
NEUE HUTTE, Vol.15, 1970, No.10, pp.602-606.  
HB 8355

PRODUCTION EXPERIENCES WITH A RADIAL FORGING  
MACHINE IN AN ALLOY STEEL PLANT

RICHTER AND HEN      LANGUAGE-GE      COUNTRY-GE

NEUE HUETTE VOL 15 NO 11 NOV 1970 PP 682-686

\*  
FSTC-HT-23-0740-74

\* FSTC-HT-23-0926-74

Eberlein, L.

Investigations into the Flow of Materials During  
Drop Forging.

NEUE HUTTE, 1970, Vol. 15, Nov., p 687-691

BISI 11135

Doring, K.

Thermo-Physical Parameters of Ironworks' Materials  
and Their Influence upon the Crystallization  
Process

N EUE HUTTE, 1971, Feb., pp 99-102

BISI 10829



SCHULZ, U.  
//NEUE HUETTE//  
--/--/1971,VOO16,N----,  
The Influence of Technological Data on the Degree  
of Precipitation of Electrostatic Filters in Non-  
Ferrous Metallurgy,  
pp 385-390,NTC 74-10008-13H2@

Loscher, B.

Control of Solidification Structure in Electroslag  
Remelting by Secondary Cooling

NEUE HUTTE., 1971, Sept.?Oct., pp 618-21

BISI 10763

Possibility of Standardized Representation of Transformation Behaviour in Steels, by M. Gergely.  
NEUE HUTTE, 1971, Vol 16, Dec. pp 746-748.  
BISI 11023

April 73

ON INTERPRETING THE INCREASE OF STRENGTH OF S  
TEELS BY THERMOMECHANICAL TREATMEN

RASSMANN G

LANGUAGE-GE COUNTRY-GE

NEUE HUTTE V.1 17 NO 1 JAN 1972 PP 2-7

ARM

FSTC-HT-23-0002-74

Merz, A.

Theoretical appraisal of the properties  
of cubic-structure hard materials.  
NEUE HUETTE, Vol 17, p. 7-12, 1972  
HB-8739

may 73

SYSTEMATIZATION OF THE PROPERTIES OF CUBIC HA  
RD MATERIALS

MERZ ALFRED

LANGUAGE-GE COUNTRY-GE

NEUE HUTTE VOL 17 NO 1 JAN 1972 PP 7-13

FSTC-HT-23-1538-73

Junk, J.

Heat Transfer Investigations in a Simulated  
Secondary Cooling Zone for the Continuous Casting  
of Steel.

NEUE HUTTE, Vol. 17, 1972, No. 1, pp. 13-18.  
HB 8740

KNAUSCHNER, A.  
//NEUE HUETTE//  
--/--/1972,V0017,N----,  
Extruding under Fluid Pressure,  
pp 283-287,NTC 74-10378-13H@@



Pusch, G.

Effect of Porosity on the Mechanical Properties of Sintered Compacts of Atomized Iron Powder and Magneto-Inductive Determination of Porosity.

NEUE HUTTE, vol. 17, 1972, No.5 pp.303-306.

HB 8810

May, M.

On the Initial Processes Taking Place During  
the Chemical Vapor Deposition of Titanium  
Carbide onto Ferrous Materials.  
NEUE HUTTE, vol. 17, 1972, No.6, pp.328-333.  
HB 8817

Deger, M.

Experiments on the deposition of crack-free and firmly adhering boride coatings on steel.

NEUE HUETTE, 1972, pp 341-348, v. 17, n. 6.  
HB-8818.

Sobotka, J.

The Effect of Vanadium on the High Temperature  
Properties of 1/2Cr 1Mo Weld Metal.  
NEUE HUTTE, 1972, June, Vol.17, No.6, pp.353-  
357.

BISI 11935

Hinkfoth, R' et al

Calculation of Roll Gap Shape by Means of  
Strip Width in the Cold Rolling of Strip on  
Four High Rolling Stands.  
NEUE HUTTE, 1972, Vol.17, No.7, pp.412-416.  
BISI 10846

Powder Rolling - New Possibilities for the Manufacture  
of Wide Flat Products, by K. D. Lietzmann.  
NEUE HUTTE, Vol 17, 1972, No 9, pp 539-546.  
HB-8900

April 73

Hildebrand, M.

On the determination of the chemical composition  
of the alpha phase in austenitic chrome-nickel  
steels.

NEUE HÜTTE, vol. 17, 1972, #10, pp. 614-617  
HB 8942

may 73

Witanov, D.

Calculation of the Fracture Probability of  
Metallic Materials During Plastic Working.  
NEUE HUTTE, vol. 17, 1972, No. 10, pp.617-619.  
HB 8872



Nickell, G.

Production of Starting Materials for Seamless-  
Tube Making on Continuous Casting Installation.  
NEUE HUTTE, Vol. 17, 1972, No. 11, pp.641-646.  
HB 9050

DORING, K.  
//NEUE HUTTE,/  
--/--/1972, V0017, N0011,  
Special features of the melting of St 35 tube  
steel for continuous casting  
pp 646-651 HB 9051##

Doring, K. et al

Application of the Submerged Nozzle Teeming  
Technique for the Continuous Casting of Steel.  
NEUE HUTTE, 1972, Vol.17, Nov., pp.652-657.  
Disi 11666

Doring, K. et al

Investigation of the Internal Structure of  
Continuously-Cast 200x200 MM Tube Steel.  
NEUE HUTTE, Vol.17, 1972, No.11, pp.657-661.

HB 9052

Kolaski, H.

The Use of Non-Radioactive Tracers in Seeking  
Out the Sources of Non-metallic Inclusions in  
the Surface of Conti-Cast Strands.  
NEUE HUTTE, Vol.17, 1972, No.11, pp.686-689.  
HB 9053

Hot Workability of Austenitic and Ferritic Chromium-  
Nickel Steels, by M. Hildebrand.

NEUE HUTTE, Vol 17, 1972, No 12, pp 724-727.

HB-8979

April 73

PIETMAN, IVO  
//NEDE HOUTE//  
--/--/1973, V----, W0002,  
Rational Inclusion of the Re-Melting Process in the  
Production of Steelworks, 13 pp.  
PP 72-78, NSIC-HI-23-163-74  
DISTRIBUTION LIMITED TO US GOVT AGENCIES

Czech Addresses GDR Conference on Remelting  
Process in Steel Production, by Ivo Petrman,  
16 pp.

GERMAN, per, Neue Huette, Leipzig, Vol 18,  
No 2, Feb 73, pp 72-78.

JPRS 58924

MAY 73



Mietzmann, K.-D

Application of Ultrasonics to Metal Shaping.  
Pt. I.

MEUE HUPPE, Vol.18, 1973, No.2, pp.79-84.  
EE 3012

20-Roll Stands for Manufacturing Flat Trans-  
former Sheets, by Jiri Brabec, 17 pp.  
GERMAN, per, Neue Huette, Leipzig, Vol 18,  
No 2, Feb 73, pp 88-95.  
JPRS 58924

May 73

OTTO, K.

//NEUE WELT//

--/--/1973, 50018, 80002,

The Current State and Trend of Development in  
Finishing Paper; For Light and Medium Merchant  
Box and Section.

PP 100-100, 1001 100501

Schiebold, K.

On the Determination of the Serviceability Limits  
for Ultrasonically-Tested Forgings.

NEUE HUTTE, Vol. 18, 1973, No. 2, pp. 107-110.

HB 9013

CAUTIONING, A. S.  
//DEU ENCL//  
--/--/1972, 1973, 1974,  
Organization of Repairs and Repair Work in  
Metalurgical Plants in the USSR,  
ID 125-127, PAGE 116/100

Scheidig, K.

Development for the QEK Process for the Refining of Pig-Iron in the Bottom Blown Oxygen Converter in the VEB Maxhutte Unterwellenborn.

NEUE HUTTE, 1973, May, Vol.18, No.5, pp.277-81.

BISI 11954

INFLUENCE OF COLD DEFORMATION ON THE LONG-TIM  
E CREEP RESISTANCE OF HEAT RESISTI

DUBERS H AND ME      LANGUAGE-GE      COUNTRY-GE

NEUL HUETTE 18 1973 NO 5 PP 304-307

\*  
FSTC-HT-23-0775-74

Loose, J. et al

Influence of Temper Rolling on Surface Rough-  
ness of Cold Rolling Strip.

NEUE HUTTE, 1973, May, No.5, pp.307-312.

BISI 11642



USES OF GLASS AND CERAMICS AS STRUCTURAL MATERIALS

*complete 11/77*

ULBRICHT JOACHI      LANGUAGE-GE      COUNTRY-GE

NEVE HUETTE AUGUST 1973 VOL 8 PP 466-469

FSTC-HT-23-0696-74

Klemm, P.

Development and Production of High-Grade Dynamo  
Sheet.

NEUE HUTTE, 1973, Vol.18, No.8, pp.469-475.

BISI 11911

Graf, Guenter

Goal for Metallurgy Development Outlined, 5 pp.  
NEUE HUETTE, Leipzig, Nov 73, pp 641-645.  
JPRS 61179

Mo D Th

Kotte, Helmut

Aluminum Cold Rolling Machine Described, 7 pp.  
NEUE HUETTE, Leipzig, Jun 74, pp 334-336.  
JPRS 62853

Nov 74

WERNER, K.  
//NEUE HUTTE, //  
--/--/1974, V0019, N0002  
Design and operation of high=power arc furnaces  
Part I Mechanical features and operation  
pp 72=76 HB9241##

KISS, E.  
//NEUE HUTTE, //  
--/--/1974, V0019, N0002  
Rolling problems in the hot working of  
continuously cast steel billets  
pp 77-82 HB 9243##

VOIGT, K.  
//NEUE HUTTE,??  
--/--/1974, V0019, N0002  
Investigation of the binder composition of  
Tungsten carbide cobalt alloys  
pp 103-107 HB9242##

WELSH, H.

//RADIATION//

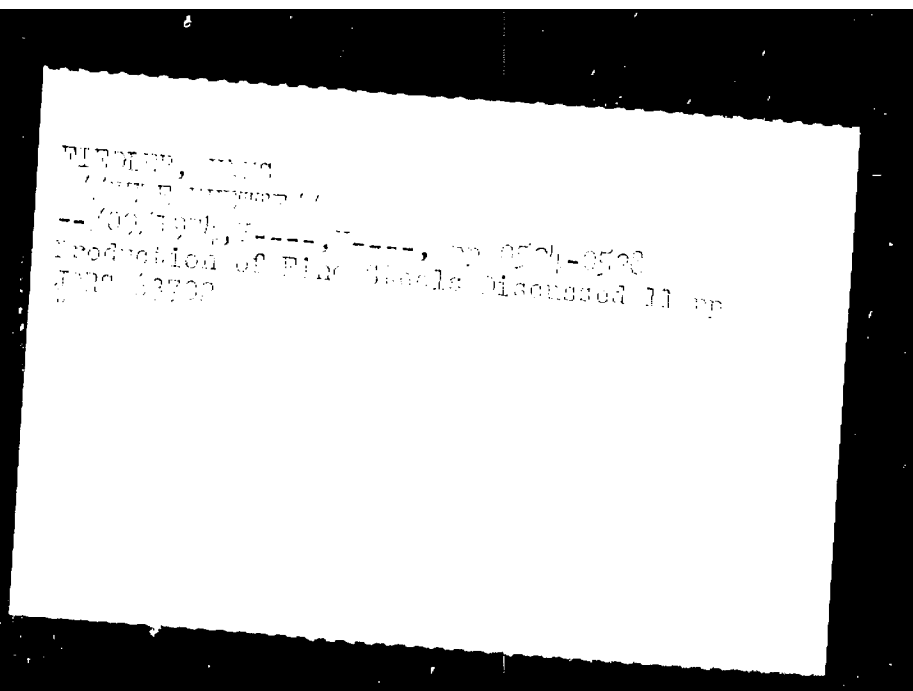
--/--/1974, 19010, 19000.

Direct Reduction of Iron Ores for Further Processing  
in the Electric Arc Furnace, using Nuclear Energy,  
in: ICR-123, ID 920100



SACIA, I.  
//NOTE REPTED//  
---/10TH, 1901, 1900.  
Experiences with the Charging of Sponge-Iron  
Ingenue and Pellets in the Arc Furnace,  
pp 130-136, ID 007030

KEPKA, Z. m.  
//NEUE HUTTE, //  
--/--/1974, V0019, N0003  
Flushing of steel with argon outside the  
furnace  
pp 143-147 HB. 9282##





RESEARCH, 1982  
/CONFERENCE/

-- 01194, 1982, 0532-0539  
Development of Nonferrous Metallurgy Discussed  
13 19  
0532-0539

Gocht, H.

Studies on palambages morulosa o. wetzel (chlorophyceae  
inc. sed.)

NEUES JAHRBUCH FÜR GEOLOGIE UND PALAEONTOLOGIE.

MONATSCHEFTE, pp. 146-161, 1972

NTC 73-13049-080

Fischer, W.

WITHDRAWAL

Zum Problem Der Achatgenese  
NEUES. JB. MINERAL. ABH 1954, 86, pp.367-392.  
BISI 11547

State Prosecution Must Improve Fight Against  
Crime, by Harri Harrland, 10 pp.  
GERMAN, per, Neue Justiz, East Berlin, No 2,  
Jan 73, pp 33-37.  
JPRS 58692

Apr 73



Continuing Problem of Crime Rise Under  
Socialism Examined, by Josef Streit, 12 pp.  
GERMAN, per, Neue Justiz, East Berlin, No 5,  
Mar 73, pp 129-134.  
JPRS 58828

Apr 73

Sarge, Guenter

Development of Military Court System Reviewed,  
10 pp.

NEUE JUSTIZ, East Berlin, No 7, Apr 73,

pp 190-194.

JPRS 59362

Jul 73

Seidel, Dietmar

Strict Measures to Enforce Manager Responsibility Urged, 9 pp.

NEUE JUSTIZ, East Berlin, No 13, Jul 73,

pp 375-379.

JPRS 59763

Sep 73

Siegert, Peter-Paul

Supreme Court Deals With Problems of Conflict  
Commissions.

6 pp

NEUE JUSTIZ, East Berlin, No 15, Aug 1973,  
pp 446-448.

JPRS 60658

Schaufert, Karl

Crime Rise in Big Cities is a Problem for Authorities.

8 pp

NEUE JUSTIZ, East Berlin, No 18, Sept 1973,

pp 533-536.

JPRS 60658

Stoll, Herbert

Criminal Actions in Construction Industry  
Investigated.

7 pp

NEUE JUSTIZ, East Berlin, No 20, Oct 1973, pp 602-  
604.

JPRS 60745

Schlegel, Joachim

Supreme Court Acts to Cut Rise in Economic  
Crimes, 15 pp.

NEUE JUSTIZ, East Berlin, No 22, Nov 73,  
pp 655-657.

JPRS 60970

Jan 74

Ebert Discusses Development of GDR State and  
Social Democracy, 12 pp.  
NEUE JUSTIZ, East Berlin, Vol 28, No 1,  
Jan 74, pp 1-6.  
JPRS 61341

Mar 74



Toenlitz, Heinrich

Problems in Criminal Jurisdiction Discussed,  
11 pp.

NEUE JUSTIZ, East Berlin, Vol 28, No 2, Jan 74,  
pp 33-36.  
JPRS 61527

Apr 74

Stiller, Gerhard

Election of Judges Discussed as Working Class  
Exercise of Power.

8 pp

NEUE JUSTIZ, East Berlin, Vol 28, No 8/74, 2nd  
Issue, Apr 1974, pp 221-223.

JPRS 62199

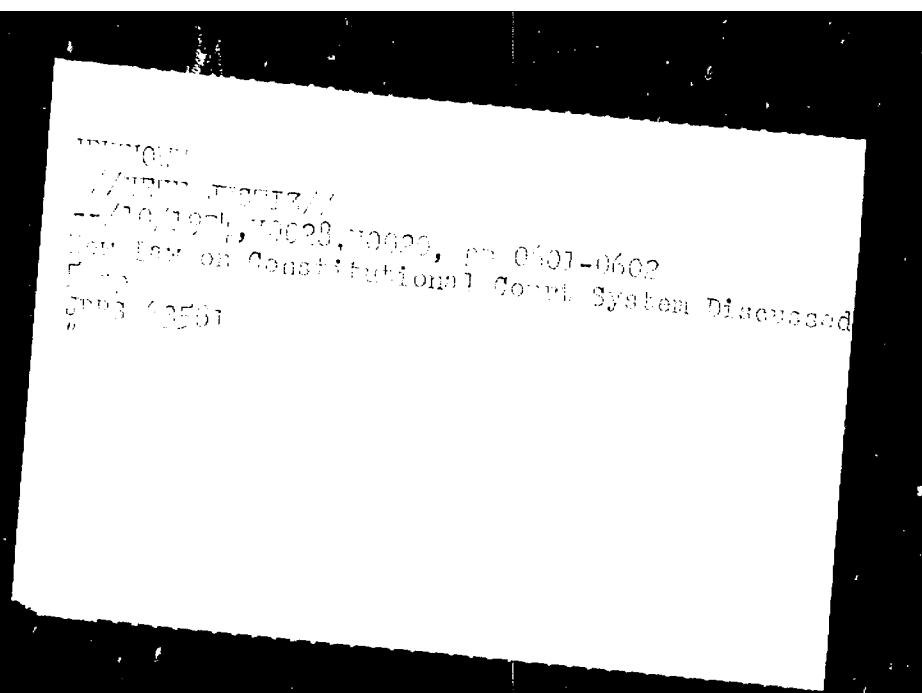
Streit, Josef

Prosecutor General Urges Prevention of Legal  
Violations, 5 pp.

NEUE JUSTIZ, East Berlin, Vol 28, No 10,  
2 May 74, pp 285-286.

JPRS 62322

Gen 74



MEMORANDUM FOR THE DIRECTOR  
/ [unclear] [unclear] /  
-- (11/10/74), [unclear], [unclear] [unclear] [unclear]  
For Coordination With Justice, Security  
Organ Described [unclear]  
JPRS 42412  
"

Will, G.

Research Carried Out by European Coal and  
Steel Community on the Subject of Air Pollution  
NEUE TECHNIK, 1967, pp.242-245.  
BISI 7794

ASEPTIC DECANTING OF PHARMACEUTICAL FLUIDS

6 pp

Neue Verpackung., vol. 24, No. 3, March 71, pp 304,  
306, 308

FSTC-HT-23-1324-72

ACSI-K-2063

New Regulations for Ready-Made Packs, by Hanz Steib,

7 pp.

GOVERNMENT USE ONLY

NEUE VERPACKUNG, No 2, 1972, pp 158-160.

ARM/FSTC/HT-23-38-73

Apr 73



Environmental Protection and Synthetic Bottles for the  
Beverage Industry, by Wolfgang Ulrich, 5 pp.

GOVERNMENT USE ONLY

NEUE VERPACKUNG, No 2, 1972, pp 165-167.

ARM/FSTC/HT-23-39-73

Apr 73

SHEET PLASTIC AS A MEANS OF PACKAGING HEAT &  
EAT MEALS *complete 1-77*

RODER, HELGA

LANGUAGE-GE COUNTRY-GW

NEUE VERPACKUNG VOL 25 NO 12 1972 PP 1616-162

2

*AKM*

FSTC-HT-23-0021-74

NEW PROCESS TO PRESERVE FOODSTUFFS BY SHOCK F  
REEZING WITH LIQUID CARBON DIOXIDE

HOWENDICK EDITH *ca. 10.50 74p* LANGUAGE-GE COUNTRY-GW

NEGE VERPACKUNG 6/73 PP 908 ~~AND~~ 908

*ARM*

FSTC-BT-23-0301-74

THE CONTAINER- A PART OF OUR WORLD

SEMKAU MARTIN      LANGUAGE-GE      COUNTRY-GW

NEUE VERPACKUNG 11 1973 PP 1890-1894

\*  
FSTC-HT-23-0781-74

Minister Interviewed on International Work  
of Posts and Telecommunications, 5 pp.  
NEUE ZEIT, East Berlin, No 235, 4 Oct 74,  
p 5/8.  
JPRS 63377

Dec 74

03/11/1975, U-----, U-----, U-----  
Justice Dept. Discuss New Civil Code 7 p  
03/11/1975

Basic Problems of the Electric Automobile  
NEUE ZUERCHER ZEITUNG, No. 241, 3 Sept 1971,  
9 pages  
FSTC-HT-23-837-72

CSO: 2580/72  
3 May 1972

America's Crisis and Vitality, by Werner Imhoff,  
6 pp.  
GERMAN, np, Neue Zuercher Zeitung, 23 April 1972

May 72



Mosle, H.G.

Developments in Surface Engineering 11 pp

NEUE ZURCHER ZEITUNG, 9 May 1972 #126, pp 25-26

FSTC-HT-23-146-73

DISTRIBUTION LIMITED TO U.S. GOVT AGENCIES

GERMAN

CSO: 0090/73 W  
4 Aug 72 87

British documents on Soviet responsibility for Katyn  
massacre.

Zurich, Neue Zürcher Zeitung, 9 July 1972,.

Ad Hoc

Spec type B

Do not publish

Translator's draft plus one copy typed single spaced.

T. D.: 15 August 1972.