

Populus, M.

The 4 stand tandem mill and continuous pickling
line at the Biache St. Vaaste works.

REV MET. 1972, 68, (10), pp.687-692.

BISI 11226

Tricot, R. et al

Influence of Boron on the Service Properties
of Constructional Steels.

REV. MET. 1972, Nov. No.11, pp.721-735.

BISI 11222

Cornet, M.

The embrittlement of zone refined iron by hydrogen.

REVUE DE METALLURGIE. MEMOIRES SCIENTIFIQUES, Vol 69,

No 1, 1970, pp 27-33

NAC 73-13516-111

16-May-74

Uncl (ORNL-tr--2752) Martensitic transformations in austenitic stainless steels Fe--Cr--Ni (relation between the phase element of parameters and the transformation mechanisms). BLANC, G.; TICOT, R.; CASTRO, R. Translated by Martha Gerrard from Mem. Sci. Rev. Met.; 70: 527-541(1973). 23p. (CONF-721063--8). Dep. NTIS \$3.25.

From Autumn meeting on metallurgy; Chatenay-Malabry, France (2 Oct 1972).

11F metallurgy; translations
MN-25 P NSA

revision

15-Aug-74
Uncl (ORNL-tr--2839) Precipitation and hardening
mechanisms in Fe--Cr alloys containing Si and Ti.
MICHAEL, H.: GAN10IS, M. Translated from M. Gerrard
from Mem. Sci. Rev. Met.; 70: No. 9, 669-682(1973).
23p. Dep. NTIS \$4.25.

11F metallurgy: translations
MN-25 P NSA

Sommer, G.

Contemporary High Iron Production.

REVISTA (ILAFIA) SID 1972, No.145, pp.20-28.

*BISI 11749

Fritsch, G.

Automation of Plate Hot Rolling in the Reversing mill. Results of Research by IRSID in Cooperation with USINOR.

REV. MET., 1973, Mar., pp.213-224.

BISI 11645

Mathieu, J.C.

Functions of the Computer on the ASCILOR Mer-
chant Bar Mill.

REVUE DE METALLURGIE, March 1973, No. 3, pp.

231-238.

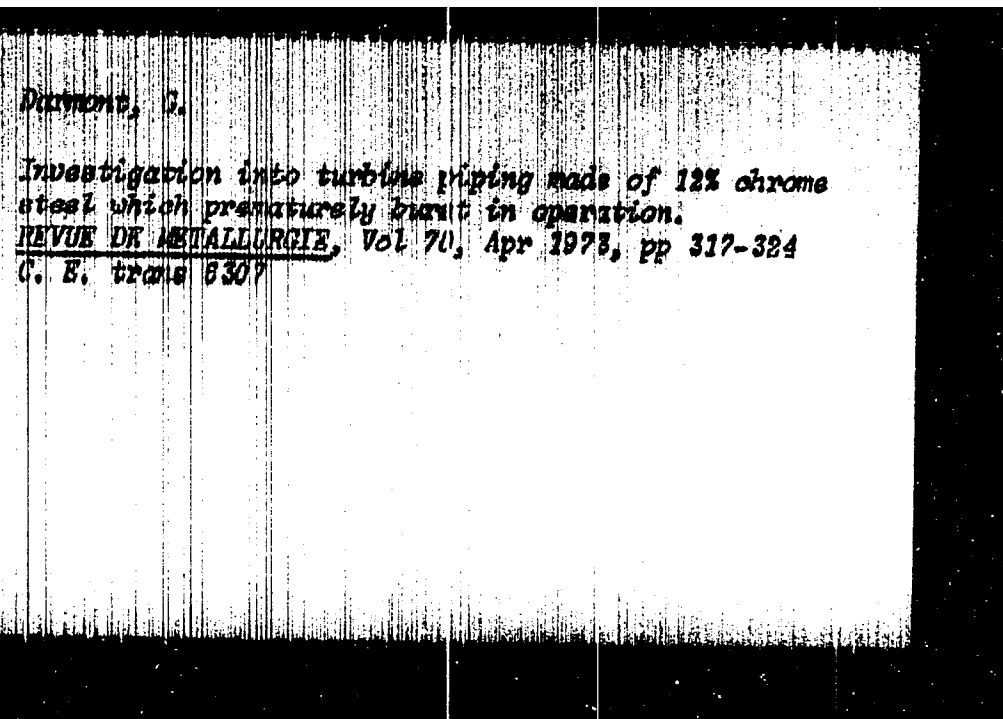
#BISI 11496

Aubrun, Ph

Metallurgical Mechanisms in the Production of
Deep-Drawing Sheet Made from Aluminium-Killed
Extra-Mild Steel.

REV. MET. MEM. SCI, 1973, Apr. pp.261-9.

BISI 11748



Diamond, G.

Investigation into turbine piping made of 12% chrome steel which prematurely failed in operation.

REVUE DE METALLURGIE, Vol 70, Apr 1973, pp 317-324

C. E. trans 8307

MORIZOT, C.

//MEMOIRES SCIENTIFIQUES REV. MET.//

--/--/1972, V0069, N0010. pp 0751-0759,

Mechanism of γ Phase Precipitation in Nickel-
Base Superrefractory Alloys, 20 pp

ARM/FSTC/HT-25-503-74

##

Blanc, G.

Martensitic Transformations in Austenitic
Stainless Steels Fe-Cr-Ni 23 pp

MEM. SCI. REV. METALLURG. Vol 70, 1973
pp 527-541

AEC/ORNL/TR-2762-73

BLONDEAU, R.
//MEM. SCI. REV. MET//
--/--/1973, V----, N0012,
Prediction of hardness and strength of carbon
and low-alloy steels from their structure and
composition,
pp 883-892, BISI 12248@

Robelet, W.

Comparative study of two rapid machinability
test. Correlation with the results of long-
term tests.

REV. MET. 1973, Dec., No.12, pp.1021-1032.

*SISI 17197

Flourens, M.

Experiments on the Semicircular canals of the
Ear in Mammals.

MEMOIRE DE L'ACADEMIE ROYALE DES SCIENCES, 1830

Pp. 467-477

NISC 3443

D'Orchymont, A.

Contribution to the Study of the Tribe Hydrobiini
Bedel, especially of the Subtribe Hydrobiae

MEMOIRES DU MUSEE ROYAL D'HISTOIRE NATURELLE DE
BELGIQUE, 2nd Series, Fasc. 24, Sept 1942 68 pp

*NTIS-TT-74-55009

Picatinny Arsenal
Eq. 75-20 b

9219/2552
18 Nov 74

Title: Fabrication et Essais des Azides de Baryum
et de Strontium.

Author: Fichardouille, Henri and A. Kovache.

Source: Mem. Poudres. Vol. 33, pp. 7-19, (1951).

Language: French.

Instructions: Translate & type 1 copy only. Include
translated charts. Cut & Paste where
necessary.

Agency: Picatinny Arsenal * 9219/0940
Req. 74-00 11 Oct. 1977

Title: Technique of sodium azide analysis.

Author: Garhot, J. and Barbeau, E.

Source: Ann. Poudres, Vol. 35, pp. 7-13 (1963)

Language: French

Instructions: Type single space, paste-up, camera ready copy.

Michalon, D.

Contribution to industrial and pedagogic tribometry.

51 pp.

LES MEMOIRES TECHNIQUES DU CETIM, No 4, pp 71-95

AIR/FTD-HC-23-1727-72

DISTRIBUTION LIMITED TO U.S. GOV'T AGENCIES ONLY
COPYRIGHT INFORMATION. OTHER REQUEST FOR THIS
DOCUMENT MUST BE REFERRED TO FTD

may 73

SPANISH

CSO: 8048/1356
4 Feb. 1974

List of Trials: Tupamaros and other subversives,
June - Sept 1973.

MEMORANDUM 90

no other identification

Spec type "A"

Do not publish

Single spaced draft plus one

Agency: U. S. Atomic Energy Commission 934870786
P. O. No. MA-74-1554 #2 5 Sept. 73
Title: Memoria Descriptiva de la Patente de Invencion
Author: Jorge Eduardo Taviz
Source: 10 pp

Language: Spanish

Instruction: Please have the enclosed translated and posted-up as soon as possible. On the translated copy please place the original title as well as the translated title.

Chebau, M. A. L. X

Memorial of the French Artillery on the
Efficiency of Projectiles Against Soil and
Reinforced Concrete 44 pp

MEMORIAL DE L'ARTILLERIE FRANCAISE,
Vol 23, 1949

FSTC-HT-23-226-73

DISTRIBUTION LIMITED TO U.S. GOVT AGENCIES

Defourneaux, M.

Examination of the Theories Dealing with the
Penetration of a Projectile into a Plastic
Material.

Memorial de l'Artillerie Francaise, 1971.

~~FSTC-HT-23-1794-72~~

Mechanism of Projectile Penetration into Ceramic Armor,
by M. Defourneaux, 14 pp.
GOVERNMENT USE ONLY
MEMORIAL d'ARTILLERIE FRANCAISE, No 177, 1971.
AHM/FSTC/HT-23-1795-72

Apr 73

FRENCH

*Completed
Special
34 pp*

OSO: 8019/2696 W
26 June 1973

- 1. Extract from Criminal code.
- 2. Amendment to criminal code date 30 July 1960.
- 3. Convention on Protection of Human Rights and Fundamental freedoms.

Luxembourg, 1. unidentified, 2. unidentified
 3. Memorial du Grand-Duche de Luxembourg, No. 53,
 29 Aug. 1953, pp 25-29, ~~1099-1110~~, pp 1, pp 1099-1110

Special type B

Do not publish

Translator's draft plus one copy.

T.D. 20 July 1973

RUSSIAN

CSO: 8144/0463
6 September 1973

The Memoirs of Marshal A.M. Vasilevskiy, by
P. Kryzhin

Munich, Memuary Marshala A.M. Vasilevskogo,
No RS 245/73, 8 Aug 73, 17 p. - 8

Spec type B

Do not publish

Translator's draft plus two copies

Van Blotland, G. G.

The exit interview: Too late to be of use.
MENS. EN OUDERVENING, Vol 13, 1959, pp 237-245
C. E. trans 6308

Fishing Port Treaty with USSR Questioned, 8 pp.
GOVERNMENT USE ONLY

SPANISH, np, El Mercurio, Santiago, 2 Mar 1973,
pp 54-56.

JPRS/L 4664

Apr 73

SPANISH

Comp. Sp
17 pp

OSO 3148/0331 W
14 August 1973

Interviews with Raul Hasbun.

Santiago, El Mercurio, 8 April 1973, Sepa, no. 115,
9 April 1973; Ercilla, 11-17 April 1973, pp 12-14.

Special type B

Do not publish

Translator's draft plus one

Legal Amendments Affect Land Expropriation, 6 pp.
GOVERNMENT USE ONLY
SPANISH, no, El Mercurio, Santiago, 22 Apr 1973,
p 25.
JPRS/L 4535

June 73

GOVERNMENT USE ONLY

Plan to Eradicate Illiteracy Termed Marxist.

5 pp

EL MERCURIO, Santiago, 28 Apr 1973, p 3.

JPRS/L 4568

National Party Youth Plans Opposition Strategy,
12 pp.
GOVERNMENT USE ONLY
SPANISH, np, EL Mercurio, Santiago, 12 May 1973,
p 11.
JPES/L 4542

June 73

National Party Makes Charges Against Economy
Minister Millas, 9 pp.

GOVERNMENT USE ONLY

SPANISH, np, El Mercurio, Santiago, 13 May 1973,
p 41.

JPRS/L 4549

June 73

GOVERNMENT USE ONLY

Santiago Bishops Preach Brotherhood, Love,
5 pp
EL MERCURIO, Santiago, 6 June 1973, pp 19-20
JPRS/L 4568

Velasco, Eugenio

Provisions for Constitutional Reform Bill

Veto Interpreted, 6 pp.

GOVERNMENT USE ONLY

EL MERCURIO, Santiago, 21 Jun 73, p 2.

JPRS/L 4603

Aug 73

Ganderats, Luis Alberto

Work of Former Mobile Police Group Described

GOVERNMENT USE ONLY

5 pp

EL MERCURIO, Santiago, 22 July 1973, pp 8, 10,
11.

JPRS/L 4643

GOVERNMENT USE ONLY

Chou En-lai, Allende Pledge Further Cooperation,
Friendship.

6 pp

EL MERCURIO, Santiago, 24 July 1973, pp 19-20.
JPRS/L 4628

GOVERNMENT USE ONLY

MIR Publication on Armed Insurrection.

11 pp

EL MERCURIO, Santiago, 9 Aug 1973, p 2.

JPRS/L 4643

Hasbun, Carmen

GOVERNMENT USE ONLY

Junta Member Leigh Advocates Austerity Program.

7 PP

EL MERCURIO, Santiago, 23 Sept 1973, p 34.

JFRS/L 4704

Background of Drug Traffickers Detailed, 5 pp.
GOVERNMENT USE ONLY
EL MERCURIO, Santiago, 26 Nov 73, pp 25, 33.
JPRS/L 1766

Dec 73

GOVERNMENT USE ONLY

Government Officials Discuss Economic Situation.

5 pp

EL MERCURIO, Santiago, 21 Apr 1974, p 45.

JPRS/L 4911

GOVERNMENT USE ONLY

Text of Decree-Law on Foreign Investment.

17 pp

EL MERCURIO, Santiago, 13 July 1974, pp 26-27.

JPRS/L 4990

GOVERNMENT USE ONLY

Cerda, Fernando Leniz

Achievements, Goals of Present Government Outlined.
10 pp

EL MERCURIO, Santiago, 14 Jul 74, pp 41-42.
JPRS/L 5009

GOVERNMENT USE ONLY

Industrialist Discusses Private Sector.

6 pp

EL MERCURIO, Santiago, 27 Jul 74, p 27.

JPRS/L 5023

GOVERNMENT USE ONLY

Saez, Raul

Raul Saez Surveys Chile's Economic Prospects.

21 pp

EL MERCURIO, Santiago, 12 Aug 74, pp 22, 30.

JPRS/L 5047

GOVERNMENT USE ONLY

CORFO Executive outlines Industrial Situation, Plans.

6 pp

EL MERCURIO, Santiago, Chile, 22 Sep 74, p 29.

JPRS/L 5065

UNKNOWN

//EL MERCURIO//

21/11/1974, V-----, N-----, pp 0023

also pp 26

Minister Causes Explains New Tax Reforms. 8 pp

GUO

JPRS L/5129

#

Pataky, B.

Magnetostriction of Polycrystalline Mn-Zn
Ferrites.

MERES AUTOMAT. Vol. 15, No. 3, pp.104--8,
1967.

A.T.S. RJ-5267

Edit Halasz
Corrector Design by Linear Programming
MERES ES AUTOMATIKA, Vol. , No. 4,
1969, pp 140-142 XV//
FSTC-HT-23-122-72

Rakosi, M.

The programming characteristics of process-control computers. 10 pp

MERES ES AUTOMATIKA, Vol 19, No 4, 1971, pp 129-131

AIR/FTD-HC-23-140-73

may 73

BOROMISZA. G.
//MERE ES AUTOMATIKA//
---/--/---, V0020, N0002
Analog regulatory and remote control systems
DD 441 ARM/FSTC/HT-23-169-74
DISTRIBUTION LIMITED TO US GOVERNMENT AGENCIES
ONLY##

Hornay, Sando

Measurement of Flow Speed by the Correlation Method

8 pp

NERKS ES AUTOMATIKA, vol. 20, nr. 8, 1972, pp. 301-303

AIR/FTD-IC-23-15-74

Distribution limited to U. S. Gov't agencies only;
Copyright Information; Other request for this
document must be referred to FTD. The contents of
this document are suspected to be subject to copy-
right protection.

ANALOG CONTROL AND TELECONTROL SYSTEMS

HORONISZAI GY LANGUAGE-HU COUNTRY-HU

MERES ES AUTOMATIKA VOL 20 NO 12 PP 441-446

FSTC-HT-25-0169-74

HEINSTEIN, BILL, DR.
//MELLES DE AUTOMATICA//
---/---/---, VOOED, NOODE,
Computers in Industrial Test Engineering, 11 pp.
EP 447-491, PSIC-44-25-0170-74
DISTRIBUTION REFERRED TO US GOVT AGENCIESGG

MINI-COMPUTERS AND COMPUTER APPLICATION IN HUNGARY

12 44

ORBAN M

LANGUAGE-HU

COUNTRY-HU

MERES ES AUTOMATIKA VOL 20 NO 12 PP 452-459

12 44
FSTC-HT-23-0171-74

THE DYNAMIC MEASUREMENT OF BASIC DATA OF FLUIDICS

BOROS ANDOR

LANGUAGE-HU

COUNTRY-HU

MERES ES AUTOMATIKA, VOL 21, NO 2, 1973, P 54
-60

FSTC-HT-23-0679-74

Objectives, Work of Instrument Research Lab
Outlined, by E. Kovacs, 5 pp.
HUNGARIAN, ser, Meres es Automatika, Budapest,
No 3, 1973, pp 73-74.
ZPRS 59171

Jan 73

The Standard Operating Regim of the Farming Implement as
Regards to the Basic Soil Cultivation - The Plowing, by
R. Popov.

MERODAVAN REZIM RADA POLJOPROVREDNOG AGREGATA PRI
OSNOVHOJ OBRADI ZEMIJISTA -- ORANJU POLJOPRIVREDNA TEHNIKA

Godina V., Part 4, 1967, pp 42-45.

*NTIS IT 73-56001

Feb 73

ITALIAN

CHS: 8028/0717
10 October 1973

Four Articles on plot of Arabs to Shoot Down
Israeli Airliner Near Rome:

Rome, Il Messaggero, 6 Sept 1973 and 11 Tempo,
6 Sept 1973

Spec type B

Do not publish

Translator's draft plus one copy.

ITALIAN

CSO: 8028/1814

3 April 1974

- confidential*
- 1) It is Almost Certainly Not Papaldo, by Guido Tonella
 - 2) Forbidden Stories, by Alfonso Sterpellone
-
- 1) Rome, Il Tempo, 20 Mar 1974
 - 2) Rome, Il Messaggero, 13 Mar 1974

Special type B

Do not publish

Camera ready copy plus one

T/D: 12 April 1974

Miller, Jdo

Target detection during image transmission with a TV
system. 23 pp.

MESSERSCHMITT-BORLKOW-BLOHM GMBH. OTTOBRUNN No 99,

4-6 October 1972, pp 1-23

AIR/FTD-HC-23-407-74

Agency: Army/Hedstone #C 7221/0772
NIFR No. 971-60190-00-7016 4 Sept 73

Title: On the Mutual Interference of a Finite Body
and a Wing in Kid - Wing Position at subsonic
Speed,

Author: Gregor Gregoriou

Source: Messerschmitt - Bolkow - Blohm GmbH; MBB
Report No. MA-151-73, pp 1 - 35 (June 1973)

Language: German

Special Instructions: Please translate.
Edited draft only.

Bielefeldt, E. A.

Stol aircraft with mechanical high-lift
systems compared with stol aircraft with
wings equipped with blown flaps 37 pp

MESSERSCHMITT-BOELKOW-BLOHM bmBh REPORT

UH-12-72 (c) 20 Sept, 35pp

NASA TT F 14895

REMOTELY PILOTED VEHICLES EXPERIMENTAL SYSTEM
TASK DESCRIPTION DEFINITION STAGE

LANGUAGE-GE COUNTRY-GW

MESSERSCHMITT-BOLKOW-BLOHM UNTERNEHMENSBEREICH
FLUGZEUGE MBB DFE 911-72

SIC-HT-2J-0117-74

TWO-DIMENSIONAL TRAJECTORY CALCULATIONS AND A
ERODYNAMIC TOLERANCE STUDIES IN CO

LANGUAGE-GE COUNTRY-GW

MESSERSCHMITT-BOELKOW-BLOHM TECHNISCHE NIEDER
SCHRIFT AE 12-71/71

FSTC-HT-23-0559-74

AERODYNAMIC STUDIES AND MEASUREMENTS IN CONJU
NCTION WITH ARMBRUST PROJECT

LANGUAGE-GE COUNTRY-GW

MESSERSCHMITT-BOELKOW-BLOHM TECHNISCHE NIEDER
SCHRIFT TN AE12-70/71

FSTC-HT-23-0561-74

ADVANCED TWO-DIMENSIONAL TRAJECTORY CALCULATI
ONS AND AERODYNAMIC TOLERANCE STUD

SPROESSER WOLFG LANGUAGE-GE COUNTRY-GW

MESSERSCHMITT-BOELKOW-BLOHM TECHNISCHE NIEDER
SCHRIFT AE12-14/72 MAR 23

FSTC-HT-23-0560-74

SPROESSER,

//MESSERSCHMIDT-BOELKOW-BLOHM TECHNISCHE
NIEDERSCHRIFT//

26/02/1973, V----, K----,

Tridimensional Projection of Disturbed
Flat Trajectories of the Armbrust

Projectile, 40 pp

ARM/FSTC/HT-83-558-74

##

F. MESCH

Velocity Measurement by Correlation Methods, Part I.
Principle, Application to Two Phase Flow.

MESSTECHNIK. Vol 79, pp 152-157, 1971.

NTC 73-10272-148

Mar 73

Mesch, F.

Velocity measurement by correlation methods. Part II.

Non-contact strip speed measurement; error analysis

MESSTECHNIK. (ZEITSCHRIFT FÜR INSTRUMENTELLE),

v. 79, n. 8, 1971. pp. 163-168

NPC 73-13009-1411

NLL 0022.00 (6801)

Bedey, H. D.

Activation of field angles for field ionization mass spectroscopy.

MSSTECHNIK, Vol 79, No 9, 1971, pp 196-201

NPC 71-14048-20P

Chr. Hoffrogge Und R. Mann

An American Institute of Aeronautics and As-
tronautics Paper No. A73-26103.

MESSTECHNIK, No.1, 1973.

*MILB-TR-1-74

Beck, R.

Emission and absorption analyses of air pollutants by
means of the laser. 19 pp

TEKHNICHESKIY, No 2, Feb 1973, pp 35-45

AIR/FTD-NC-23-47-74

DISTRIBUTION LIMITED TO U.S. GOV'T AGENCIES ONLY.
COPYRIGHT INFORMATION. OTHER REQUEST MUST BE REFERRED
TO FTD. THE CONTENTS OF THIS DOCUMENT ARE SUSPECTED TO
BE SUBJECTED TO COPYRIGHT PROTECTION.

also FSTC-INT-23-272-74 Requests for this document
must be referred to the US Army FSTC.

DISTRIBUTION LIMITED TO US GOVT AGENCIES

also NTC 74-10690-138

Agency: Air Force/Aerospace Research Labs.

MIPR: FY89947500066 Call ~~LT~~. FY 75-02.

9/20/2260
1 Oct 74

Title: Ein ultrahochvakuum-rasterelektronen-mikroskop
mit feldemissions-kathode und auger-analysator.

Authors: ^{B.W.} GRIFFITHS, ^{K.} HENRICH, ^{B.E.} POWELL & ^{S.P.} WOODRUFF.

Source: Messtechnik, Jg.82, Heft 6, 1974.
Pages 135 -141.

Special instructions: Translate and type one copy.
GERMAN - ENGLISH.

Kashari, Qazim

Efforts to Reduce Number of School Drop-Outs,
5 pp.

MESUESI, Tirana, 14 Nov 73, p 6.

JPRS 61157

Mar 74

Froger, C.

Anemometry and the Calibration of Anemometers
at Speeds Ranging from 0.10 m/s to 20 m/s at
CERCHAR, France

MESURES, Aug-Sep. 1969 Vol 34 (8-9) pp 73-79

SMRE tr 6257

July 1973

DIEUDONNE, R.
//MESURES DE RAFALES SUR CONCORDE, ASSOCIATION
AERONAUTIQUE ET ASTRONAUTIQUE DE FRANCE,
COLLOQUE D'AERODYNAMIQUE APPLIQUEE, 10th LILLIE,
FRANCE, //
11/--/1973, V----, N-----.
Measurements of gusts on the concorde--in wind
tunnels and inflight,
NASA TT F 15837
Nov 7-900

15-Aug-73
Uncl (ORNL-tr--2679) Electrochemical machining. VAN
BENTEN, A.A.; VAN DEN BREKEL, J.W.M.; HCFSTEDE, A.;
MATTHYSEN, M.J.C. Translated from Metaalbewerking; 31;
32: No. 26; 1; 7; 8; 9; 10, vp(1966). 90p. Dep. NTIS
\$6.50.

07D chemistry (physical); 11F metallurgy; 14 methods and
equipment; translations
MN-38 P NSA

Karhausen, L, et al

Iodine Metabolism in Children and Adolescents in
a Region of the EEC

METABOLISME DE L'IODE CHEZ L'ENFANT ET
L'ADOLESCENT DANS UNE REGION DE LA
COMMUNAUTE EUR-4864 1973 124 pp

*AEC

METALL - STOP GO TO NEXT WORLD

METALL IS ABBREVIATION FOR
METALLOBERFLAECHE

Buhler, H.

Reduction of Residual Stresses Resulting During
the Cold Drawing of Metal Bars by Means of Re-
Drawing.

METALL, 1951, Vol.5, Nos.9/10, May, pp.194-198.

BISI 12110

Ochs, E.-J.

The purification of recirculated air in rolling operations.

METALL., Vol 18, No 4, 1965, pp 348-351

NTC 73-21753-133

Quenzel, K.

The consequential economic effects from the utilization of an improved red luminescent substance for color-picture tubes with base of europium-activated yttrium compounds

WETZEL, W., 20, n. 7, 1966, pp. 764-769

WTC 73-21687-111

Steiner, W.

Enamel ability of steel.

METALLOBERFLACHE, 1967, Vol.21, No.12, pp.362-

64.

FBI SI 11319

Johans, H.

Effect of boundary layer processes in electrocoating practice.

METALCOATING, Vol 22, No 10, 1968, pp 299-303

NTC 73-21785-11F

Gerlach, J.

*The investigation of the absorption of oxygen by
copper melts.*

METALL, Vol 22, No 11, 1968, pp 1086-1090

ATS 1600-GI

24-Aug-73

Uncl (ORNL-tr--2548) Maintaining clean air in
nonferrous metal operations. Part II. Particulate and
gaseous emissions of the nonferrous metal industry and
the limiting of emissions. KNOP, W. Translated by
R.G. Mansfield from Metall: 22: No. 12, 1255-1271 (1958).
23p. Rep. NTIS \$3.25.

environmental studies; 06R health and safety; 11F
metallurgy; translations
MN-41 P NSA

G. PHILLIPPS

Melting Copper Alloys in Channel Induction
Furnaces in Conjunction with Continuous Casting
a Large Modern Brass Mill.

METALL, Vol 24, pp 1205-1207, 1970.

NTC 72-15375-13H

Mar 73