

The Effect of Turbodrill Machine Noise  
on Auditory Function, by V. Castaldo et al.  
ITALIAN, par, Stomatologia, Vol 8, 1964,  
pp 211-231.  
Dept of Navy/NSB

76

V. Castaldo

Sci-NSB  
Oct 66

61-20054

Castañeda, M[aximiliano] Ruiz and Alanis, Carmen.  
DETERMINATION OF THE BLOOD TYPE BY SUR-  
FACE FIXATION. [1961] Sp. (1 fig. 1 table 2 refs.  
omitted) 2 refs.

Order from SLA \$1.10

61-20054

I. Castañeda, M. R.  
II. Alanis, C.

Trans. of an unidentified Spanish language article from  
an unknown source, n. p., n. d.

DESCRIPTORS: \*Blood transfusions, \*Hemagglutinins,  
Test methods, Blood.

A possible application of the surface fixation method is  
presented, so that the A, B, and O types of blood used  
for transfusion can be determined rapidly and accu-  
rately. The velocity with which the reaction is run,  
and the resistance which the globules offer to the en-  
trainment into the capillary flow show that the method  
which is much more sensitive than the agglutination  
(Biological Sciences--Pathology, TT, v. 7, no. 4)(over

Office of Technical Services

61-20055

Castañeda, Maximiliano Ruiz, Soto, Rafael and others.

THE DISSOCIATION REACTION OF DYES IN COMBINATION AS APPLIED TO THE INVESTIGATION OF PROTEINS OF BIOLOGICAL LIQUIDS. [1961] 12p.

(8 Eng. refs omitted) 1 ref.

Order from SLA \$1.60

61-20055

I. Castañeda, M. R.  
II. Soto, R.

Trans. of an unidentified Spanish language article from an unknown source, n.p., n.d.

DESCRIPTORS: \*Proteins, \*Dyes, Biochemistry, \*Blood plasma, \*Urine, \*Blood, Tests, \*Cerebrospinal fluid, Pediatrics, Dissociation, Body fluids.

A new method is presented for the qualitative determination of proteins in biological liquids. The principle is that the proteins tend to dissociate the components of a mixed dye: one of the dyes then will ac-  
(Biological Sciences--Biochemistry, TT, v. 7, no. 4)  
(over)

Office of Technical Services

61-20054

Castañeda, [Maximiliano] Ruiz and Alanis, Carmen.  
DETERMINATION OF THE BLOOD TYPE BY SURFACE FIXATION. [1951] 8p. (1 fig. 1 table 2 refs. omitted) 2 refs.  
Order from SLA \$1.10

61-20054

I. Castañeda, M. R.  
II. Alanis, C.

Trans. of an unidentified Spanish language article from an unknown source, n.p., n.d.

191080

DESCRIPTORS: \*Blood transfusions, \*Hemagglutinins, Test methods, Blood.

A possible application of the surface fixation method is presented, so that the A, B, and O types of blood used for transfusion can be determined rapidly and accurately. The velocity with which the reaction is run, and the resistance which the globules offer to the entrainment into the capillary flow show that the method which is much more sensitive than the agglutination (Biological Sciences--Pathology, TT, v. 7, no. 4)over

Office of Technical Services

61-20055

Castañeda, Maximiliano Ruiz, Soto, Rafael and others.

I. Castañeda, M. R.  
II. Soto, R.

THE DISSOCIATION REACTION OF DYES IN COMBINATION AS APPLIED TO THE INVESTIGATION OF PROTEINS OF BIOLOGICAL LIQUIDS. [1961] 12p.

(8 Eng. refs omitted) 1 ref.

Order from SLA \$1.60

61-20055

Trans. of an unidentified Spanish language article from an unknown source, n. p., n. d.

101081

DESCRIPTORS: \*Proteins, \*Dyes, Biochemistry, \*Blood plasma, \*Urine, \*Blood, Tests, \*Cerebrospinal fluid, Pediatrics, Dissociation, Body fluids.

A new method is presented for the qualitative determination of proteins in biological liquids. The principle is that the proteins tend to dissociate the components of a mixed dye: one of the dyes then will ac-  
(Biological Sciences--Biochemistry, TT, v. 7, no. 4)  
(over)

Office of Technical Services

61-14912

Castaneda, M. Ruiz.  
SEROLOGIC TESTS IN THE DIAGNOSIS OF FEBRILE  
INFECTIONS, [1961] 14p.  
Order from SLA \$1.60

61-14912

Partial trans. of mono. Diagnostico: Actualizaciones  
en Pediatría, pub. by Asociación de Médicos del  
Hospital Infantil de México, n. d.

DESCRIPTORS: \*Infections, Diagnosis, \*Antibodies,  
\*Brucellosis, \*Typhoid, \*Typhus fever

This paper refers specifically to the diagnosis of  
brucellosis, typhoid and typhus.

I. Castaneda, M. R.

Office of Technical Services

(Biological Sciences--Pathology, TT, v. 6, no. 4)

Experimental and Clinical Verification of the  
Possibility of Combined Vaccination Against  
Variola and Tuberculosis, by J. A. Higgins,  
V. Castaneda, 11 pp.

SPANISH, per, Revista Médica de Córdoba,  
Vol XXXVII, Mar 1949, pp 110-119.

NIN Tr 4-39

Sci - Medicine  
May 1957 CTS/ox

47,516

BCG Vaccination in Ecuador, by J. Perez, J. Higgins,  
V. Castaneda, 12 pp.

SPANISH, per, Hoja Tisiologica, Vol X, No 2,  
Jun 1950, pp 159-168.

SLA Tr 2585

Sci - Medicine  
Jan 58

57,326



61-12129

Castel, F. du and Misme, P.  
ROLE OF PARTIAL ATMOSPHERIC REFLECTIONS  
IN THE EXPLANATION OF THE FIELD RECEIVED  
AT A GREAT DISTANCE. [1960] 780 words.  
Order from LSA \$8. 05

Trans. of Academie des Sciences, Paris. Comptes  
Rendus (France) 1958, v. 246 [no. 1] p. 82-84.  
Also available from SLA mi\$1. 80, ph\$1. 80 as  
59-10960 [1958] 5p.

1. Atmospheric refraction--  
Electromagnetic effects
2. Electromagnetic fields--  
Analysis
  - I. Castel, F. du
  - II. Misme, P.
  - III. Literature Service  
Associates, Bound  
Brook, N. J.

Office of Technical Services

(Physics--Magnetism, TT, v. 5, no. 1)

Partial Reflections in the Atmosphere and  
Long-Distance Propagation: Part 3, Reflec-  
tion in an Inhomogeneous Medium, by  
Francois du Castel, Andre Spizzichino.  
GOVERNMENT USE ONLY  
FRENCH, per, Editions de la Revue d'Optique,  
1960.  
NAV/SEC/TRAN-2677-68

Sci-Atmos  
Jan 69

372,167

Surface Thermometer, by E. Brun, L. Castel, 4 pp.

FRENCH, Dr. J. Recherches Centre Natl Recherche  
Sci Labs Bellevue (Paris), No 10, 1950, pp 21-22.

AEC Tr 3131

Sci - Engr  
Jun 58

65,942

63  
Petroleum and its Derivatives in the Service of  
Agriculture, by P. Castel, 44 pp.  
FRENCH, per, Rev. Inst. Franc. Petrole Ann.  
Combust. Liquides, ~~xxx~~ Vol XIX, 1964, pp 638-660.  
AEC-tr-6524

292,661

Sci-Agriculture  
Nov 65

*P. Castel*

Contribution to the Histochemical study of the Cell  
A New Nuclear Reaction, by J. Turchiak, P. Castel,  
Khou Van Kien, 9 pp.

Full translation.

FRENCH, per, Bull d'Histol Appliquee a la Physiol  
et a la Pathol et de Tech, Vol XXI, 1944, pp 124-127.

MICROSCOP  
CIA/FDD/X-1001

Scientific - Medicine Aug 53 CTS/DEX

4708

Castell, H. C.  
MECHANICAL PROPERTIES OF NICKEL AND  
NICKEL ALLOY DEPOSITS (Les Propriétés  
Mécaniques des Dépôts Electrolytiques de Nickel et  
d'Alliages de Nickel). [1963] [25]p. (foreign text in-  
cluded) 11 refs.  
Order from SLA \$2.60

63-14046

Trans. of Metaux (Corrosion-Industries) (France)  
1957 [v. 32] no. 379, p. 122-131.

DESCRIPTORS: \*Nickel, \*Nickel alloys, Cobalt alloys,  
Zinc alloys, Phosphorus alloys, Mechanical properties,  
\*Plating, Corrosion inhibition.

(Metallurgy--Corrosion, TT, v. 10, no. 6)

63-14046

I. Castell, H. C.

63-14046

Office of Technical Services

Photochemical Reactions of Fluorine and Sulfur  
oxide with Thionylfluoride, by E. Castellano,  
H. J. Schramacher.  
Gazzetta, per, Ann. Physicochim. Vol. 81,  
No 1, 2, 1964, pp 51-68.  
Dept of Navy 4113/APL-JHU T 1237

Sci p Hy  
Sci - Phys  
Jun 68

279,609

*Castellano, E.*

Leaf Blotch of Job's Tears Millet, by E.  
Castellani.

ITALIAN

SLA per  
NC State College

Jun 59



Kinetics of Oxosynthesis, II., by G. Batta,  
R. Ercoli, S. Castellano, 41 pp.

ITALIAN, Vol VII  
FRENCH, per, La Chimica e L'Industria, No 7,  
1955, pp 6-38.

28,377

CIA/FDD/X-1876

XX-3

IAC ONLY

Scientific - Chemistry

Nov 55 CTS

HIGHER INSTITUTE ON NERVE ACTIVITY INDICATED,  
BY EDUARDO S. CASTELLANO, 7 PP.

SPANISH, Nº, EL MUNDO, 23 DEC 1962, P 4.

JPRS 18144

LA - CUBA  
DEC  
MAR 63

225, 104

~~XXXX~~ Congress Speech, by Castellanos.

RUSSIAN, np, Pravda, 30 Oct 1961.

FBIS Wire

USSR  
Pol  
30 Nov 61

System of Metal Molding Frames for Simultaneous  
Casting of Walls of Reinforced Concrete for Silo  
Bins With Simultaneous Obtaining of the Supporting  
Structures, by Lola Castellari, Gallini, 2 pp.

ITALIAN, patent No 481,176.

US Dept of Commerce  
Patent Office  
Sci Lib (gift)

Sci - Engineering  
Jul 58

66,664

Castellino, N.  
MODIFICATIONS OF CARBOXYHEMIZ AFTER IN-  
HALING TOBACCO SMOKE. [1962] 9p.  
Order from K-H \$11.25 K-H 4036-a

Trans. of Folia Med[ica] (Italy) 1955, v. 38,  
p. 1014-1024.

DESCRIPTORS: \*Respiration, \*Hemaglobin, Carbon  
dioxide, Oxygen, \*Tobacco, \*Smokes, \*Cigarettes.

(Biological Sciences--Pathology, IT, v. 8, no. 7)

62-17871

- I. Title: Carboxyhemiz
- I. Castellino, N.
- II. K-H-4036-a
- III. Kresge-Hooker Science  
Library Associates,  
Detroit, Mich.

C223026

Office of Technical Services

The Antigenic Constitution of Some Mycobacteria,  
by G. Castelnuovo, A. Gaudiano, 25 pp.

ITALIAN, per, Annali dell'Istituto "Carlo  
Forlani", Vol XIX, No 1, 1959, pp 1-17.

MR 10-6-60

Sci - Med  
Dec 60

133,908

Investigations on Oily Preservatives Against Blue  
Stain, by W. Sandersmann, R. Caston, 11 p.

AUSTRIAN, Holzforschung und Holzverwertung, 1958,  
Vol. X, No 4, pp 57-65.

NRCC C-2992

Sci  
Feb 60  
Vol 2, No 10

108,897

The Influence of Certain Parameters on a Sudden  
Flood Wave Downstream From a Dam, by  
Escande, Castex, Nougare, and Barthet, 16 pp.

UNKNOWN, bk, pp 563-575.

Army Map Service

Sci - Engr

19 Jun 62

200,996



Transport Theory: P, Approximation and the  
Bethe-Tonks-Hurwitz Method, Numerical Results,  
by H. G. Kaper, H. Laborde Castex, 12 pp.

FRENCH, rpt, Mar 1962. 9216115

AEC-Tr-6057

Sci - Math

Jan 64

246, 137

Gas Chromatography of Ethylmaleate-Miscopiperazine Mixtures,  
by A. Eastmond.  
GERMAN, *Zeit. Anal. Chem.*, Vol CLXXXI,  
No 6, 1961, pp 428-430.

GB/114/anca/1062

Ecl - Chem

Feb 64

289,438

Determination of Piperazine. Rept. 4. Bromo  
Acidimetric Determination, by A. Castiglioni.  
CHEMIE, par, Zeitschrift für Analytische  
Chemie, 1942-vol.123, pp.405-407.  
SLA-TT-20393

*A. Castiglioni*

Chem  
Mag 66

307,768

DC-6

Activity of the Union of Slovak Fine Artists  
by L. Guderma, D. Castiglione, 6 pp.

CZECH, per, Predvoj, Vol II, No 19, Bratislava,  
2 May 1958, pp 13, 14.

US JPRS/DC-L-1279

MBur - Czech  
Soc  
Dec 58

77,573

(FDD 25010)

The Carnic Alps, by Ettore Castiglioni, 160 pp.

ITALIAN, bk, Alpi Carniche, Milan, 1954, pp 81-98.

CIA/FDD/U-7220

WEur - Italy  
Geographic

COPYRIGHT

CTS 71/Aug 55

27,614

Long Term Stability of Certain Magnetic Materials  
Used as Cores, by G. Castiglioni, N. Valentini.

ITALIAN, per, R. C. 55 Riun, Assoc Elect Ital  
Bellagio, Vol XLII, 1954.

D.S.I.R./28281/CT

Sci - Physics  
May 57 CTS/dex

48,055

14503-2038

Possibility of Synthesis of Neutrons, by A. Castilla,  
17 pp.

FRENCH, per, Anales fis y Quim, Vol XLIII, 1947,  
pp 655-~~7~~ 670.

SLA Tr 2240

Sci - Nuclear Physics

50,606

Aug 57

North Carolina State College  
120

HE PLAN FOR THE ELIMINATION OF VIOLENCE IN  
TOLIMA, BY PEDRO J. CASTILLA, 9 PP.

SPANISH, MAGAZINE, LA NUEVA PRONSA, NO 79,  
3-9 NOV 1962, PP 3-7.

JPRS 16544

LA - COLOMBIA  
POL.  
DEC 62

218,08,042



Pig Iron Production in Electric Furnaces Using  
Slag from the Electric Steel Plant in Chimbote,  
Peru, by C. V. Castillo  
SPANISH, per, Rev. (ILAPA) Latinamer. Sid.,  
June 1963, pp 36-43.  
RISI 5631

Sci-Materials  
Feb 69

369,582

Castillo, Luis and Vergara, Zacarias.  
NOTES ON THE BIOLOGY AND COMMERCIAL  
USE OF THE CHILEAN OYSTER. 1961. 2p  
FRBC Trans. Series no. 360.  
Order from NRCC

NRCC-C-4201

Trans. of mono. Apuntes Biologicos e Industriales  
Sobre la Ostra de Chile, n. p., 1907.

DESCRIPTORS: \*Oysters, Biology, Anatomy,  
Morphology, Growth, \*Fisheries, Reproduction  
(Physiology), Biological environment.

(Biological Sciences--Zoology, TT, v. 11, no. 3)

TT-64-12119

- I. Castillo, L.
- II. Vergara, Z.
- III. FRBC Trans-360
- IV. NRCC-C-4201
- V. Fisheries Research  
Board of Canada
- VI. Bureau of Translations  
(Canada)

746

Office of Technical Services

Experiments in Oyster Culture, by Lina Casillo,  
BIBLIOTECA ITALIANA, per, Imprenta C. Kerchinas, No 30,  
1910.

Dept of Interior  
GRANDI C373 No 367

Sci - Biol

Mar 64

251,194

TT-64-12120

Castillo, Luis.  
EXPERIMENTS IN OYSTER CULTURE. 1961, 11p  
(figs omitted) FRBC Trans. Series no. 367.  
Order from NRCC NRCC-C-4200

Trans. of mono. Ensayos de Ostricultura, Santiago  
de Chile, 1910, 34p.

DESCRIPTORS: \*Oysters, Production, \*Storage,  
Containers.

- I. Castillo, L.
- II. FRBC Trans-367
- III. NRCC-C-4200
- IV. Fisheries Research  
Board of Canada
- V. Bureau of Translations  
(Canada)

(Biological Sciences--Zoology, TT, v. 11, no. 3)

Office of Technical Services

Notes on the Biology and Commercial Use of the Chilean  
Oyster, by Luis Castillo, Zacarias Vergara.

SPAINISH, lit, Ministerio de Industria, 56 pp.

Fisheries Res Board  
of Canada  
St. Andrews

Dept. - Biol/Med Sci

235,639

Jul 68

(XC-0754)

Chilean Student Leaves Communist China, by  
Manuel Castillo, 12 pp.

FRENCH, par, Est & Quest, Vol XIV, No 272,  
1-15 Feb 1962, pp 23-26.

JPRS 13489

LA - Chile  
Pol  
Apr 62

192,349

Study of Gelatins for Photoelastic Models, by Anselmo  
Moreno Castillo, 54 pp. UNCLASSIFIED

SPANISH, Laboratorio Central de Ensayo de Materiales  
de Construccion, Publication No 58, 1948.

QMT 416

Scientific - Chemistry  
CRS/DEX

6638

13

**The Current Status of Cuban Light Industry,**  
**by Juan M. Gaudinista, 11 pp.**  
**SPAIN, par, Cuba Socialism, Vol IX, No 34,**  
**Dec 1964, pp 1-11.**  
**SPAIN 21001**

**LA-Cuba**  
**Roma**  
**Aug 64**

**266,191**



62-16198

Castle, J. W., Jr.  
NEW METHOD OF ELECTROLYTIC RECORDING  
OF IMAGES. [1962] 16p. 0 figs. omitted) 4 refs.  
Order from OTS or SLA \$1.60 62-16198

I. Castle, J. W., Jr.  
II. Patent (Belgium) 606 697

Trans. of Belgian patent 60697, by Kodak S.A., filed  
28 July 61 (appl. U.S.A. 28 July 60).

DESCRIPTORS: \*Electrophotography, \*Photoconductive  
films, Photographic film, \*Photographic paper,  
Photography, Colloids.

An image of electrical conductivity is formed in a  
photoconductive layer, the layer is placed in contact  
with an electrolyte which contains depositable ions; an  
image of chemical reducing agent is established, dis-  
tributed according to said image, by passing a current  
through the layer according to this image of conduc-  
tivity and causing the deposition of said ions; a color-  
ant which can be bleached by reduction is applied to  
(Materials-Photographic, TT, v. 8, no. 6) (over)

C222860

Office of Technical Services

Castoldi, Luigi.

ON THE DISTRIBUTION OF EXTINCTION TIMES IN  
BIOLOGICAL DESCENTS. [1962] 11p. 3 refs.  
Order from SLA \$1.60

62-20228

Trans. of Unione Matematica Italiana. Bollettino,  
1956, ser. 3, v. 11, p. 158-167.

DESCRIPTORS: Distribution, \*Evolution, Survival,  
\*Animals, Probability, \*Mathematical prediction.

The behaviour of the average number of generation for  
extinction ("Average time of extinction") of the male  
offspring from a progenitor is determined with re-  
spect to the mean value  $m$  of the distribution of the num-  
ber of offsprings in the first generation. An attempt is  
made to prove that such an average time is finite for  
 $m < 1$ , and infinite for  $m \geq 1$ . The same alternatives  
hold for the variance and for the successive moments  
of the number of generations for extinction. (Author)  
(Biological Sciences, TT, v. 9, no. 9)

62-20228

I. Castoldi, L.

62-20228

Office of Technical Services

The Limit of Resistance in Malnutrition and Daily  
Percentage Loss of Body Weight in Relation to the  
Quality and Type of Food, by F. Rubino, V. Castre,  
F. Geangrasso. UNCLASSIFIED

ITALIAN, per, Tables of Nutrition, Vol II, 1950,  
pp 336-352.

ATIC F-TS-8214

Scientific - Medicine

9097

Jan 54 CTS

Regulations for Mechanical Inspection of the  
National Standard-Gauge Lines, by Jalmar Castren,  
60 pp.

FINNISH, bk, Onjeet, publ by Railroad Administra-  
tion, Helsinki, Finland, 1939.

OCE Tr

30,403

~~ENGINEERING~~

NoSur - Finland

Military *Economic*

Scientific - Engineering

Jan 56 CTS/DEX

A Source of Error in the Chemical Determination of Nitrogen in Special Steels, by Castro, et al.

QUITCH, J. *Quitch, J.*  
REMIER, por, Anal Chim Acta, Vol XVII, No 6.  
Dec 1957, pp 530-534.

~~Co-op. Tr. Ser. Tr 809~~

Sci - Min/met, Chem  
Feb 58

58,269

(DS-8298)

Castro's Speech Concluding the National Production Congress, 63 pp. OFFICIAL USE ONLY

CUEAN, np, Revolucion, 30 Aug 1961.

JPRS 8894

LA - Cuba

Pol, Econ

Oct 61

Excerpts of Castro's Speech Concluding National  
Production Congress. (DC-6293)

SPANISH, np, Revolution, 31 Aug 1961, pp 9-11.

\*JPRS.            14

LA - Cuba

Pol, Econ - National Planning

12 Sep 61

Your Friendship Is Illuminated by the Great Ideas  
of the Immortal Lenin, by Castro.

RUSSIAN, np, Pravda, 3 Jul 1962.

FBIS Wire

USSR  
Pol  
16 Jul 62



Q Fever in Portugal, by F. Fonseca, M. R. Pinto,  
J. F. Azevedo, F. Amaro, Castro, M. T. Lacerda,  
51 pp.

PORTUGUESE, <sup>ps</sup> Clinica Contemporanea, Vol III, No 24,  
Apr 1949, pp 1315-1329

<sup>FCS</sup>  
CIA/X-516

Scientific - Medicine

12,370

LOCAL BOUNDARY DISPUTE SNOWBALLING INTO  
NATIONAL CONTROVERSY, BY EFRAIN PEREZ CASTRO,  
5 PP. GOVERNMENT USE ONLY

SPANISH, NP, EL UNIVERSO, 10 JAN 1963, P 4.

JPRS 17513

LA - EQUADOR  
POL.  
FEB 63

221,293

(DC-2400)

SPEECH OF FIDEL CASTRO TO BUS WORKERS ON  
17 JULY, BY FIDEL CASTRO (SPEECH), 45 PP.

SPANISH, NP, EL MUNDO, VOL LXI, NO 20,398,  
18 JUL 1962, PP 6, 7, 10.

JPRS 14972

LA - CUBA  
POL.  
AUG 62

209,198

Hovant Speech, by Fidel Castro.

RUSSIAN, np, Pravda, 29 Mar 1962.

FBIS wire

USSR

Pol

22 May 62

(DC-3001)

Castro Article Sets New Periodical's Policy,  
by Fidel Castro, 5 pp.

SPANISH, per, Bohemia, No 38, 17 Sep 1961,  
pp 60, 79.

JPRS 12228

LA - Cuba  
Pol  
Feb 62

18<sup>2</sup>, 422

The United Socialist Revolution Party, by  
Fidel Castro.

RUSSIAN, np, Pravda, 5 Dec 1961.

FBIS Wire

USSR  
Pol  
20 Dec 61

Simple Machines for the High Temperature Testing  
of Steels and Alloys, by Guesnier, Castro.

~~FRENCH~~, per, Rev Met, No 2, 1957, pp 101-106.

Co-op Tr Sch  
Tr 907

Sci - Eng  
Jul 58

67,678

L'Unita Reporter Interviews Fidel Castro by Arminio Savioli, 5 pp.

ITALIAN, np, l'Unita, No 32, 1 Feb 1961, pp 1,2.

JPRS ~~6803~~ 6803

141,982



(DC-3801)

Calls for Adopting A Slogan: "For a Mass Communist Party", by Gustavo Castro, 7 pp.

SPANISH, per, ~~MEMORANDUM~~ Documentos Politicos, No 22, Jul-Aug 1961, pp 23-26.

JPRS 12358

LA - Columbia  
Pol  
Feb 62

*182, 352*

Reciprocal Relations Between Helminths and  
Microbes. Vectorial Role of Helminths, by  
Jose Gonzalez Castro, 97 pp.

SPANISH, *Revista Iberica de Parasitologia*,  
Vol X, No 2, Apr 1950, pp 205-273.

CIA/FDO/x-559

Scientific - Biology

20,248

Experimental Study of the Deformation of Steels  
and Alloys in the Hot, by A. Goussier, R. Castro,  
Mig  
FIZIKA, ser. ISSUE OF METALLURGY, Vol 55, 1958, No  
11, pp 1003-1011  
SIA 57-65-10076

*R Castro*

Sui - Meta  
July 67

530,892

Hot Deformability of Steels and Alloys Using  
Tensile Test, by R. Castro and R. Poussardin  
POLISH per, Circ.Infs tech.Centre Docum. Sider-  
urg Vol 19 No 2: 505-27, 1962  
CRL/D 674

R Castro

Sci-mat  
July 69

385,796

Modern Methods of Quantitative Spectrochemical  
Analysis of Metallic Alloys, by M. Rene Castro,  
95 pp.

PERKINCH, par, Revue de Metallurgie, Vol XXXIX,  
1942, pp 54-60.

S.L.A. Tr 91

WEur - France  
Scientific - Minerals/Metals

32,766

Some Particular Cases of the Welding Metallurgy  
of Stainless Steels, by R. Castro.  
FRENCH, par, Soudeage et Techniques Connexes,  
Vol 22, No 3/6, pp. 97-107.  
ILL Ref: 5883.47 (N. 7504)

Sci-Materials  
July 69

368,372

Structure and Morphology of Transformation Products,  
Part I, by R. Castro, R. Tilocc.  
FRANCO, per, Memorias Los Cientificos de la Revue  
de Metallurgie, Vol LXX, No 9, 1962, pp 571-586.

REF 3436

Sci - M/M  
Feb 64

250,943

62-16939

Castro, R. and Pheline, J. M.  
SPECTROGRAPHIC DETERMINATION OF LOW CON-  
TENTS OF Cu IN IRON AND STEEL. [1952] 14p.  
(trans. figs. tables omitted).  
Order from SLA \$1.60

62-16939

I. Castro, R.  
II. Pheline, J. M.

Trans. of Spectrochimica Acta (Gt. Brit.) 1947,  
v. 3, p. 18-39.

DESCRIPTORS: \*Iron, \*Steel, \*Copper, Spectro-  
graphic analysis, Alloys, Determination.

C026036

(Metallurgy, TT, v. 8, no. 9)

Office of Technical Services



Gases in Aluminium and Its Alloys, by R. Castro,  
M. Armand,

FRENCH!

XLVII

Aluminium Laboratories Ltd.  
K-TM-260-54-29 OT/1267

WEur - France  
Sci - Minerals/Metals

29,511

Progress in the Analysis of Steel and Ferro-  
alloys for Gases by the Vacuum Fusion Method,  
by R. Castro, A. Portevin.

GERMAN, per, Archiv Eisenhüttenwesen, Vol IX,  
1936.

20,337

Brutcher Tr No 356  
\$6.50

Scientific - Minerals/Metals

Reduction Mechanism of Aluminum Addition as  
Affecting the Silicate Inclusions in Steel,  
by A. Portevin, R. Casty.

DUTCH, per, Jernkontorets Annaler, Vol CXX,  
1936.

Brutcher Tr No 394  
\$2.50

Scientific - Minerals/Metals 20,336

61-16437

Castro, R., Allemand, J., and Poussardin, R.  
A SOURCE OF ERROR IN THE CHEMICAL DETERMINATION OF NITROGEN IN SPECIAL STEELS.  
[1958] 5p. 4 refs.  
Order from SLA \$1.10

61-16437

- I. Castro, R.
- II. Allemand, J.
- III. Poussardin, R.

Trans. of Analytica Chimica Acta (Netherlands) 1957,  
v. 17, no. 6, p. 530-534.

DESCRIPTORS: \*Steel, Metallurgical analysis,  
\*Nitrogen, Determination, Errors.

Office of Technical Services

(Metallurgy--Ferrous Metals, TT, v. 6, no. 4)

Experimental Investigation of Solidification  
Cracks in Steels: The Influence of Impurities,  
by A. Guussier, R. Castro.

FRENCH, per, Revue de Metallurgie, Feb 1960,  
p 117.

BISI 1824

135,562

Sci - Min/Met

Brittleness of Special Steels in the As-Cast  
Condition; Influence of Impurities, by \*  
R. Castro, A. Gueussier.

FRENCH, per, Revue Met, No 2, 1960, pp 135-148.

BISI 1816

Sci - M/M

Oct 60

*129, 132*

Contribution to the Study of Embrittlement in  
Special Steels: Analogy of Various Types of  
Brittleness Observed in Ferrite and Austenitic  
Steels, by R. Castro, A. Gueussier.

FRENCH, per, Revue de Metallurgie, Vol LVII,  
Aug 1960, pp 715-724.

BISI 1978

Sci - Min/Met

148,134

May 61

Experimental Study of Hot Deformation of Steels  
and Alloys, by A. Guemnier, R. Castro, UNCL

FRENCH, por, Rev Met, Nov 1958, pp 1023-1041.

British Iron and  
Steel Ind. 1189  
(L 10)

Sci - Min/Met  
Apr 59

83, 839



Decomposition Structures of Austenitic Manganese  
Steel, by R. Castro, P. Genova.

FRENCH. per, Rev Metal, Vol LV, No 1, 1958,  
pp 24-33.

HB 4591

Sci - Min/Met

Oct 50

131, 384

Relations Between Brittleness at High and Low  
Temperatures in 10-8 Type Austenitic Steels,  
by A. Gueussier, R. Castro. USCL

FRENCH, per, Rev Mt, No 2, 1958, pp 107-122.

BSI 1451

(LB 15s.03.)

99,633

Sci - Kin/Met  
Oct 59

Veneral Disease Information Among the Personnel  
of the Armed Forces of Valparaiso; Preliminary Note,  
by R. Rios Castro, 4 pp.

SPANISH, per, Rev. chilena nr., Vol V, 1942,  
pp 39-45.

SLA 57-1499

Sci-Medicine  
Mar 58

60,470

G. CATALANO

Anatomicopathologic Changes in the Nervous  
System in Experimental Chronic Lead Poisoning,  
by G. Catalano  
EUROPEAN, per, Policlinico, Sezione Medica,  
Vol 13, 1906, pp 324-332  
NTC 71-16738-06T

Feb 72

Labor Productivity In Light Industry,  
by S. Stefanescu, A. Carulecu, 11 pp.  
RUMANIAN, per, Probleme Economice, No 1,  
1964, pp 45-57.  
JPRS 25028

EE-Rumania  
Econ  
Jun 64

261,018

THE SUPPLYING OF ELECTRIC POWER TO THE  
PETROLEUM AND CHEMICAL INDUSTRY, BY E. CATALIN,  
GH. POPESCU, 10 PP.

RUMANIAN, PER, PETROL SI GAZE, VOL XIII,  
1962, NO 10, PP 447-452.

JPRS 16541

EEUR - RUMANIA  
ECON ,  
DEC 62

217,267

Results of Study of the Pathogenic Power of a  
Sudanese Strain of Histoplasma Capsulatum, by  
A. Catania, 13 pp.

FRANCE, par, Archives de l'Institut Pasteur  
d'Algerie, Vol XXIII, No 4, Dec 1965, pp 260-268.

NIE Tr 4-32

Sci - Biology  
May 1977 CBS/aux

47, 466