

The Diffusion of Hydrogen and Deuterium in
Palladium, Part II, by W. Jose, A. Widmann, 13 pp.

GERMAN, per, Z Physik Chem, Vol XLVb, 1940, pp
285-296.

AEC Tr 3254

Sci - Chem, Phys

Sep 58

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Direct reduction of iron ore by the Waters ¹⁰⁰
parbergs method, by A. Josefsson.
Journal, par. Jernkon syn., vol 140, no 3, 1904.
pp 128-134.
1904 5155

sci- at
ar 60

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Journal of Iron and Steel Inst.

Josefson, Ake and Backström, Börje.
**TESTING CAST IRON FOR STEEL PLANT CHILL
MOLDS WITH RESPECT TO TENDENCY TOWARDS
CRAZING (Provaing av Gjutjärn för Stalverkskokiller
i Avseende på Benägenhet för Nitighet). [1962] [36]p.
(foreign text included) 12 refs.**
Order from SLA \$3.60

62-14501

Trans. of Jernkontoret [Stockholm], Annaler (Sweden
1960), v. 144, no. 10, p. 739-756.

DESCRIPTORS: *Cast iron, *Molding, *Fracture
(Mechanics), Steel industry, Surfaces, Microstructure,
Test methods.

A testing procedure is described in which sample
bodies of cast iron are exposed on their plane end
surface with a diameter of 80 mm to rapid heating to
external temperatures of 850-900 deg C, followed by
accelerated cooling. The test aims to resemble the
(Metallurgy--Ferrous Metals, TT, v. 8, no. 6) (over)

62-14501

I. Josefson, A.
II. Backström, B.

C222804

Office of Technical Services

Simplified Electrolytic Method for the
Extraction of Non-Metallic Inclusions,
by S. Bargh, A. Josefsson.

SWEDISH, per, Jernkontorets Annaler,
Vol CXLV, No 8, 1961, pp 551-560.

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Sci - Min/Met
Apr 62

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Deoxidation and Pinhole Formation in Large
Castings, by A. Josefsson, S. Bergh

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No 4, 1953, pp 377-407.

*CB

Sci-M/M
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**Tough-to-Brittle Transition Temperatures and
Aging Characteristics of Titanium-Stabilized
Low-Carbon Steels, by A. Jonasson, B. Nelson**

**DUTCH, par, Jernkontorets Annaler, Vol CXXXVII,
No 10, 1953, pp 725-743.**

Brutcher No 3846

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42, 893

**Sci - Min/Metals
Jan 57 CTS**

Work of Forest Conservation Authorities: Some
Aspects of Rationalisation in the Preparation

of Forest Management Plans, by S. Josefsson.

SWEDISH, per, Svenska Skogsvarvsforeningens
Tidskrift, Vol. 58, No. 3, 1960, pp 2-16

WZLUA

S. JOSEFSSON

Sci -
Aug 67

336-050

Josefsson, Folke, Johansson, Ove, and Erdström,
Gunnar.

BARKING MACHINE, tr. by J. M. H. 27 June 61, 7p.
(1 fig. omitted).
Order from OTS or SLA \$1.10 61-23987

Trans. of Austrian patent 208 575, cl. 38b. 29, appl.
17 June 58, beginning of pat. 15 Sep 59, pub. 11 Apr 60
(priority of appl. in Sweden claimed from 19 June 57).

DESCRIPTORS: Trees, *Wood, *Machines, *Cutting
tools.

A barking machine is described having a driven hollow
rotor wherein a plurality of barking arms are mounted
rotatable and are resiliently forced with their free ends
against the tree trunk. The machine is characterized in
that the barking arms are each provided with a roller
about which is placed one or more tightly drawn endless
elements, and are connected to a spring tensioning
device provided outside the hollow rotor.

61-23987

- I. Title: Barking
- I. Josefsson, F.
- II. Johansson, O.
- III. Erdström, G.
- IV. Patent (Austria) 208 575
- V. Patent Office, Washington
D. C.

Office of Technical Services

(Materials--Wood, TT, v. 6,
no. 6)

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(Fiat Review of German Science), Marine Surveying Instruments. ~~Chapter on~~ Current Meters, by J. Joseph.
UNCLASSIFIED

GERMAN, rpt, 1939-1946, Part II, Wiesbaden,
pp 192-202.

*Navy/HO-82

Sci - Geophysics
Oct 59

New Method of Measuring the Salinity and Temperature
of Sea Water, by H. Wattenberg, J. Joseph.
UNCLASSIFIED

GERMAN, per. *Monaten der Hydrographie und Marine
Meteorologie*, Vol. IV/VII, 1943, pp 240-245.

Navy Tr 2 1779/RC 24

Sci - Geophys

Jul 58

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Investigation of Horizontal Diffusion in the
North Sea, by J. Joseph.
GERMAN, per, Dt. hydrogr. Z. Vol. 17. No. 2,
1964, pp 57-75

J Joseph

Sci -
Aug 67

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On Horizontal Diffusion in the Sea, by Joachim
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~~RUSSIAN~~

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Vol XI, No 2, 1958, pp 49-77.

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GCI E57 No 4

Sci - Geophys

Also "Navy 20/94

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New Desoxy Sugars as Building Stones of Polysaccharide Symplexes of Gram-Negative Bacteria: Tyvelose and Abequose, by Dr O. Westphal, Dr O. Luderitz, Dr I. Fromme, Dr H. Joseph, 9 pp.

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Scientific - Biology

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The Reflection of Mercury Molecular Beams
on Cleavage Planes of Crystals, by B. Josephy,
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GOSSETT, J. W., ~~PHYSICAL REV. B~~ Vol 80,
1979, No 21/22, pp 755-762
NSA 22-C-1630

B. Josephy

Sci - Eng
May 67

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Resonance At Impacts in Fluorescence and
Chemiluminescence, by K. Brütler, B. Josephy, 27 p.

GERMAN, per, Zeit fur Physik, 1929, Vol LIII,
pp 747-765.

SLA 60-10318

Sci
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Vol III, No 3

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The Reflection at Crystal Splitting Planes of the
Molecular Rays Emitted by Mercury, by B. Josephy, 10 pp.

GERMAN, par, Zeit fur Physik, Vol LXXX, 1933, Brunswick
pp 755-762.

CIA/FDD/U-7997

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REUR - Germany

Sci - Physics, Molecular Physics

(DC-3801)

Contributions of Marxism to the Indian National
Movement, by P. C. Joshi, 8 pp.

HINDI, np, Janyug, Vol XIII, No 52, 15 Aug 1956,
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JPRS 12696

Asia - India^a
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Mar 62

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(DC-4913)

An Accounting of the Thirteenth Year of Freedom,
by F. C. Joshi, 8 pp.

HINDI, np, ~~THE~~ Jan Yug, 21 Aug 1960, pp 4, 5.

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MB/A - India

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Synthesis of 5'-Benzoyl-2'-Hydroxychalcones and
Related Flavonoid Compounds, by Usha G. Joshi,
G. C. Amin, 5 pp

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 2, 1960, pp 267-271

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Synthesis of 5'-Benzoyl-2'-Hydroxychalcones and
Related Flavonoid Compounds, by Usha G. Joshi,
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ON THE THRESHOLD OF THE REORGANIZATION OF SCHOOLS
OF GENERAL EDUCATION BY NOS JCSIFI, 9 PP.

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SEP 1962, PP 28-34.

JPRS 15836

EEUR-ALBANIA

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ON THE THRESHOLD OF THE REORGANIZATION OF SCHOOLS
OF GENERAL EDUCATION, BY ~~XXXXXXXX~~ XI NOS JOSIFI, 9 PP.

ALBANIAN, PER, RRUGA E PARTISE, VOL IX, NO 9,
1962, PP 28-34.

JPRS 15836

EEUR - ALBANIA
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THE UNITED STATES OF AMERICA
DEPARTMENT OF STATE
OFFICE OF THE ASSISTANT SECRETARY FOR PUBLIC AFFAIRS
WASHINGTON, D.C. 20520
PL-48

FOR - THE U.S. DEPT. OF STATE
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D. Josinovic, 10 pp.

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OTS 62-19470/1
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Jan 63

2000.3/8

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Hiroshima, Japan
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Fax: 81-83-822-1234

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Sci - Chem
Oct 64

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(DC-3400)

Electoral Assemblies as a Form of Direct Democracy in Yugoslavia, by Dusko Josipovic, 14 pp.

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SWEDISH, np, Dagens Nyheter, 22 July 1966.
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Measurement of the Dielectric Strength of Insulating Oils, by H. Josse and Y. Enault,

FRENCH, per, Bull Soc Franc Elec, Vol IV, Sep 1954, pp 536-542.

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Sci

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Evolution of the Dakar - Niger Installations from
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XXIII. Cirrhosis of the Liver. Leyden Rijksuni-
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SLA 3053

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of Magnesium Fluorogermanate, by J. Jamin,
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**FRANCE, per, Journal de Physique et le
Radium, Vol XLIV, 1963, pp 84-88.**

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Sci-

Sept 66

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AN APPROPRIATION OF \$100,000,000
for the purchase of goods, by H. W. Jones. (Cont.)

REMARKS: See Budget Request, 7/10/50, p. 10
pp 100-101.

English Iron and Steel Ltd
(no number given)

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Interrelations Between the Maternal Adrenal Cortical
Hormones and the Adrenals of the Rat Fetus, by A.
Jost, et al., 6 pp^A

FRESCH, per, ^{IMPRES RENDUS} C.R. Soc Biol, Vol ^X CXLIS, Jul 1955,
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Sci - Medicine

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**On the Modification Of Insulin Stock Treatments
According to Sahel With Insulin Novo Amorph by
F. Jost.**

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Fetal Intersexuality Induced by Methyl-Androst-
enediol in Rats (With Regard to a Clinical Obser-
vation Which is Probably Similar), by A. Jost,
5 pp.

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French, per, Compt, rend, soc. biol., Vol CXLVII,
December 1953, pp 1930-1933.

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 1985-1986, 15 August 1986, pp. 1-11.
 Acta 1-77601.
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Damage From Nicotine Consumption and
Breaking the Tobacco Habit, by J. Talm
F. Jesty, 13 pp.

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1950, pp. 419-422.

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Sci - Med

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**Kinetic Investigation of the Reactions
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~~Vol 14, No 14, 1943, pp 336-344.~~
Chem Trans Dr 2530

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Sci - Materials
May 67

Chemistry of Condensed Phosphates and Arsenates. 53
 MINVII on Soultanovna- and Poly-
 arsenates, phosphates and the different distribu-
 tion of Arsenic in the lining in acid
 crystal, by Karl-Heinz Jost.
Chem. Abstr., 1967, 2: 1495 (1967), 11: 1111 (1967).
 Vol. 100000, 1967, pp. 111-112, 125221
 111-112-19-007

Jost, Karl-Heinz

111 - 112
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337,000

THE Structure of Phosphorus(III,IV) Oxide
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GERMAN, per, Acta Crystallographica, vol. 17,
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NTC 70-17120-20B

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JOST, M.

The Physical-Chemical Fundamentals of Engine Combustion
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R Jost

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oct 70

Phase Formation and Diffusion in the Ag-⁴¹³
Halide and Cu(I)-Halide Systems, by
W. Jost.

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tivity of Solids, 1952, pp. 81-82.

*NBS TT 70-57298

Sci/mater

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Effect of Large Electric Fields on Ion Motion in
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WJIS/MS TT 71-5519

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The Properties of Ionic Solids and the
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pp.188-195.
*NBS TT 70-57828

Sci/chem
Jun 70

W Jost

On the Theory of Electrolytic Conduction and
Diffusion in Crystals (III), by W. Jost. 7.
GERMAN, Proc. 1st. Intern. Chem. B2, 1936, pp 1-21.
•NBS TT 70-37351

Sed-Phys
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W Jost

About the Phase Reaction Mechanism in Solid
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*NEB TT 70-57531

Sci-Mat
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Sci-Int
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cc Jost

Diffusion Study of Some Metals in Au and Ag,
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pp 158-160.

•NBS TT 70-57352

Sci-hat
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W. Just

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omitted) 15 refs.
Order from SLA \$1.60

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Trans. of Z[ei]tschr[ift für] Elektrochem[ie] (Germany)
1939, v. 45, no. 1, p. 893-99.

DESCRIPTORS: *Internal combustion engine,
*Knocking, *Reaction kinetics.

(Machinery--Engines, TT, v. 9, no. 9)

63-10701

I. Jost, W.
II. Müffling, L. von

Office of Technical Services

Study of the Electrolysis of Solid Alloys, by
W. Jost.

GERMAN, par, Zeit Phys Chem, Vol 29, 1935,
pp 127-132.

*Nat Bur Stand TT 70-57825

Sci-Materials
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W. JOST

Remarks on the Mathematical Treatment of Complicated Diffusion Problems, by W. Jost, 14 pp.

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SLA Tr 57-706

Sci - Mathematics

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Aug 57

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1. Title Maceral
1. Josten, K. -H.

Josten, Karl-Heinz.
MACERAL ANALYTICAL INVESTIGATION OF
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AN AID IN THE CORRELATION OF COAL BEDS
IN LIMITED (LOCAL) AREA (Mazeralanalytische
Untersuchungen an Flözdurchschnittsproben als Hilfs-
mittel für die Flözgleichstellung in Begrenztem Raum).
[1962] [19]p. (foreign text included) 13 refs.
Order from SLA \$1.60 62-18019

Trans. of Glöckauf (West Germany) 1962, v. 98, no. 2,
p. 102-107.

DESCRIPTORS *Coal, *Minerals, Microstructure,
Stratification, Correlation techniques, *Mining
engineering.

From the stratigraphic section at Dorsten (Baldur to
Lina I bed) there were presented from all workable
(Earth Sciences--Geology, TT, v. 8, no. 9) (over)

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Office of Technical Services

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On the Theory and Practice of the Control of
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GERMAN, per, Regelungstechnik, Vol VII, 1959.
pp 5-10, 44-47.

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Sci - Physics

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(DC-6100)

From Turati to the Setting-up of the P.C.I.,
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ITALIAN, per, Rinascita, Vol XVIII, No 3, 1961,
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JPRS 8795

WEur - Italy

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Sep 61

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Sci - Physics
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... installation, by ...

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... installation vulvaire, ...
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Representation and Calculation of the Spectral Density
of the Field of Atmospheric Turbulence Based on ¹³
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Albert Jouan, 27 pp.
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1964, pp 49-55. 9225479
NASA TT F-256

Sci-Bar Sci & Astron
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Jouan, P.
QUANTITATIVE STUDY OF THE PITUITARY SE-
CRETION OF CORTICOTROPIC HORMONE (ACTH)
BY IN VITRO STIMULATION OF CORTICOIDOGENE-
SIS (Sur l'Étude Quantitative de la Sécrétion Hypo-
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lation de La Corticoidogénèse in Vitro). [1962] 5p.
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Order from SLA 31.10 62 16012

Trans. of Soc[été de] Biologie et de ses Filiales.
Comptes Rendus des Séances [France] 1961, v. 155,
no. 1, p. 18-21.

DESCRIPTORS: Pituitary hormones, *ACTH, *Corti-
costeroids, Biosynthesis, *Pituitary gland, *Adrenal
glands, Stimulation.

(Biological Sciences: Physiology, IT, v. 8, no. 8)
(over)

62 16012

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C223150

Office of Technical Services

Microsynthesis of Various ¹³¹I Labeled
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P. Jouan, W. Wolf, 14 pp

FRENCH, per, Bull Soc Chim Biol, Vol XXXVII,
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AEC Tr 2477

Sci - Chemistry, Biology

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Jun 1956

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R. JOUAN

Sci -
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OFFICE OF THE ASSISTANT SECRETARY FOR
INTELLIGENCE AND SECURITY
WASHINGTON, D.C. 20520

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R. Jouaust

Lighting Measurements Made During the Eclipse of April
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The Effect of Dilute Solutions of Hydrogen Peroxide
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ABC TR 92-03

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Integration of the passive MUSCULAR ELASTICITY of
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Vol 2, No 3

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The Use of Electro-Chemical Machining
for the Production of Die Impressions
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BISI 3995

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Jouquet, M.
EFFECTS OF DEFECTS IN A WAVEGUIDE ON THE
TRANSMISSION OF A TE₀₁ WAVE. [1961] 3Sp.
Order from ATS \$52.85 ATS-911NS2F

Trans. of Cables et Transmission (France) 1961, v. 15,
no. 1, p. 3-26.

DESCRIPTORS: *Waveguides, *Electromagnetic waves,
Transmission

I. Jouquet, M.
II. ATS-911NS2F
III. Associated Technical
Services, Inc., East
Orange, N. J.

Office of Technical Services

(Physics--Wave Propagation, TT, v. 6, no. 8)

61-20536

I. Jouget, M.

Jouget, M.
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THE TRANSMISSION OF A TE_{01} WAVE. [1961]
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Order from SIA \$3.60

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Trans. of Cables et Transmission (France) 1961,
v. 15, no. 1, p. 3-26.
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ATS-91N52F [1961] 3Sp.

DESCRIPTORS: *Waveguides, Deformation, *Elec-
tromagnetic waves, Transmission, Attenuation.

184282

When a TE_{01} wave propagates in a guide, the defects,
localized at the junctions of the successive elements,
generate parasitic waves. The amplitude of these
waves and the corresponding powers are determined by
means of the theory of random distribution of defects.
(Physics--Wave Propagation, TT, v. 7, no. 1) (over)

Office of Technical Services

Comparison of the ^{*}theory of the Explosive Wave
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Dept of Int
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Sci - Chem
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Wave of Shock and Irreversible Residual Combustion,
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Sci - Chem

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The Effect of Some Polysaccharide Addition on the
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CIA 50-15000

Sci
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Vol 2, P. 2

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G. Jouin

The Interaction of Nitrogen with Metals at High
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SLA 58-494

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