

Oscillographs of Currents in Insulating Materials,
by A. Gemant, 12 p.

GERMAN, per, Arch fur Elektrotech, 1930, Vol XXIII,
No 6, pp 683-694.

SLA 59-20453

Sci
Mar 60
Vol 2, No 12

109, 101

B. van der Pol's "Taking Along" Theory, by A.
Andronow, A. Witt, 24 pp.

GERMAN, per, Arch Elektrotech, Vol XXIV, No 1,
28 Jun 1930, pp 99-100.

SLA Tr 57-1102

Sci - Mathematics

52, 312.

Aug 57

Investigations of Condenser Transformer, by
A. Gemant, 13 pp.

GERMAN, Per, Archiv fur Elektrotechnik, 1930,
Vol XXIII, No 6, pp 695-706.

SLA 59-15639

Sci
Nov 59
Vol 2, No 3

100,950

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730068-1

Gas Concentration of Electron Beams,
by W. Rogowski and H. Graupner
GERMAN, per, Archiv. fur Elektrotechnik,
Vol. 26, pp. 807-810 (1932)
O.A./Trans.-1044

FEB 71

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730068-1

The Calculation of Electrical Conditions in
Single-Phase: Self-Excited Inverters (Series and
Parallel Inverters), by W. Schilling.

GERMAN, per, Archiv Elektrotech, No 27, 1933,
pp 22-34.

RAE 968

182, 627

Sci - Electro

Feb 62

Electrical Strength of Mechanically Stressed
Insulating Materials, by T. Akahira, A. Gemant,

GERMAN, per, Arch Elektrotech, Vol XXVII, 1933,
pp 577-585. 9093488

AEC SCL-T-105

Sci. - Electricity
Jun 62
List 69

197,824

On the Distortion of the Voltage Curve Due to
Electric Stress of Cable Paper and Its Importance
in Long Telephone Cables, by R. Bauer, 28 pp.

GERMAN, per, Arch Elektrotech, Vol XXVIII, No 5,
1934, pp 274-283.

SLA Tr 57-632

Sci - Electricity

50,715

Aug 57

^k
On the Spark Lag in Oil With Small Electrode Spacing,
by R. Strigel

GERMAN, per, Arch Elektrotech, Vol XXVIII, ~~XXIX~~⁴ 1934,
pp 671-688.

Nat'l Res Council Canada TR 173

Scientific - Electronics
Jul 67S/DEK Price 0.50

16,574

Investigations of the Physical Processes
in Electrofiltering, by G. Mierdel, 24 pp.
UNCLASSIFIED

GERMAN, per, Archiv f. Elektrotechnik, Vol XXIX,
No 3, 1935, pp 149-172.

Navy Tr 1074/ERL 494

19, 681

54
Nov CTS
1

Scientific - Physics, Electricity

A Study of the Frequency States in Auto-Controlled
and Auto-Driven Parallel Inverters in Similar
States of Resonance, by H. U. Neidhardt. /

GERMAN, per, Archiv Elektrotech, No 29, 1935,
pp 241-258.

RAE 969

182,628

Sci - Electro

Feb 62

Calculation of the Leakage ρ Field of a Condenser
Whose Field is Limited by a Diaphragm, by R. Her-
zog.

GERMAN, per: Arch Elektrotech, Vol XXX, 1935, pp
790-802.

ASLIB-CB-43

Sci

71,024

Aug 58

Sensitive Cold Cathode Oscillograph of High Output
for Low Exciting Voltages, by E. Westermann, 16 p.

GERMAN, par, Arch fur Elektrotechnik, 1936, Vol XXX,
No 2, pp 109-122.

SLA 59-20448

Sci
Mar 60
Vol 3, No 1

110,905

The Alternating Field in Saturated Massive
Iron, by G. Haberland, F. Haberland.
GERMAN, per, Arch. fur Elektrotechnik,
Vol 80, pp 126-133, 1936 9229652
AEC AI-Tr-85

Sci-Elec
Nov 65

291,942

On a Controllable Gold Cathode Oscillograph Operated with an Auxiliary Discharge, by F. A. Becker, 25 pp.

GERMAN, per, Arch Elektrotech, Vol XXX, 21 Dec 1936, pp 791-799.

SLA Tr 57-2158

Sci - Elec Engr

Jul 58

67,887

Measuring Dividers for Surge (Pulse) and
Voltages, Part II. The Capacitance Divider,
by Wilhelm Raske, 25 pp.

GERMAN, per, Arch Elektrotech, Vol XXXI, 1937,
pp 732-748.

ABC SCL-T-341

Sci - Electron
May 61

150,875

Theoretical Investigation of the Direct-Voltage
Corona in a Coaxial Cylinder Field, by H. Prins.

GERMAN, per, Archiv fur Elektrotechnik, Vol XXXI,
1937, pp ~~756-766~~ 756-766.

Dept of Interior
TW7 E57 No 602

Sci - Electronics

Jan 63

219,236

On the Heating of Punctiform Contacts at Constant
Current Load, by A. Avramescu, 24 pp.

GERMAN, per, Arch Elektrotech, Vol XXXIII, No 4,
1939, pp 261-268.

SLA Tr 57-647

Sci - Electricity

50,665

Aug 57

Processes^{es} Taking Place During Fusion and Vaporization
of Wires at Very High Current Densities, by Joachim
Wrana, 25 pp. ✓

GERMAN, per Arch. Elektrotech., Vol XXXIII, No 10,
1939, pp 656-672.

Assoc Tech Sv
39F3G

SLA 57-2116

Sci - Physics, Chemistry, Electricity

SLA 57-3553 33,040

(#15.60)

RAE TR 671

High-Power Oscillographs With Sealed-Off Braun
Tube, by B. Borries, E. Ruska, 25 pp.

GERMAN, per, Arch Elektrotech, Vol. XXXIV, No 2,
10 Feb 1940, pp 106-114.

SLA Tr 57-314.

Sci - Electronics

53,091

Sep 57

An Investigation of the Condenser-Welding Process for the Purpose of Obtaining High Tensile Strength of the Welded Joint in Hard-Drawn Aluminum Wires, by G. Rohme, 50 pp.

GERMAN, per, Arch Elektrotech, Vol XXXIV, No 8, 1940, pp 425-445. (loan copy only)

SLA 57-2772

Sci
Aug 58

70 766

Latest Results in the Theory of Linear Networks, by
W. Cauer, 25 pp.

GERMAN, per, Arch Elektrotech, Vol XXXIV, No 12,
1940, pp 689-700.

SLA Tr 57-974

Sci - Electronics
Jan 58

57, 446

Zinke, Otto.
FUNDAMENTALS OF THE DISTRIBUTION OF
CURRENT AND VOLTAGE ON ANTENNAS. [1963]
[41p] 9refs
Order from SLA \$4. 60

TT-63-20356

Trans. of Archiv für Elektrotechnik (Germany) 1941,
v. 35, p. 67-84.

DESCRIPTORS: *Antenna radiation patterns, Antennas,
Electric currents, Electric potential, Distribution,
Partial differential equations, Vector analysis,
Electrical impedance, Electromagnetic waves.

After reducing the field variables \mathcal{E} and \mathcal{H} to the vector
potential \mathcal{U} and a scalar potential \mathcal{V} , the transmission
equations of the radiating antenna are derived in exact
form and compared to the usual theory of two-wire
transmission lines. Based on the ratio of the vector
(Engineering--Electronic, TT, v. 11, no. 1) (over)

TT-63-20356

I. Zinke, O.

Office of Technical Services

Ruhle, F.
BREAKDOWN STRENGTH OF MIXTURES OF DIELECTRIC LIQUIDS. 18 Mar 49, 12p. (figs. tables omitted)
7 refs.

Order from SLA \$1.60

62-18610

Trans. of Archiv f[ür] Elektrotechnik (Germany) 1941
[v. 35, no. 8] p. 490-501.

DESCRIPTORS: *Liquids, Dielectric properties,
Mixtures, Electrochemistry, *Dielectrics.

Measurements of breakdown strength of mixtures of dielectric liquids are reported. Studies were conducted on some saturated hydrocarbons, aromatic hydrocarbons and their halogen derivatives as well as various mineral oils. The tests were performed with 50 cycle, a.c. (Author)

(Chemistry--Physical, TT, v. 9, no. 7)

62-18610

I. Ruhle, F.

Office of Technical Services

The High-Voltage Potential Divider for Cathode Ray
Oscillographs, by H. Hohl, 20 pp.

GERMAN, per, Arch Elektrotech, Vol XXXV, No 11,
1941, pp 663-671.

SLA 57-2326

May 58

9th AIRCRAFT

63,203

On D-C Polarized A-C Choke Coils and Their Reaction,
by T. Buchhold, 47 pp.

GERMAN, per, Arch Elektrotech, Vol XXXVI, No 4,
30 Apr 1942, pp 221-238.

SLA Tr 57-2264

Sci

Aug 58

68, 670

Theory of the Magnetic Field,
27 pp, } by L. Kneissler-Maidorf.

GERMAN, per, Archiv für Elektrotechnik, Vol
XXXVI, No 8, 1942, pp 471-483.

SLA 62-14464

Sci
Jan 62
Vol III, No 10

181, 285

Jasse, Erich.
THE FLYWHEEL BRAKE PROCESS THROUGH
VORTEX CURRENT. [1963] 30p
Order from SLA \$2.60

TT-64-14623

Trans. of Archiv für Elektrotechnik (West Germany)
1949, v. 39, no. 7, p. 472-488.

DESCRIPTORS: *Flywheels, *Magnetic brakes, Brakes,
Heat transfer, Design, Effectiveness,

(Machinery--Machine Parts, TT, v. 11, no. 10)

TT-64-14623

I. Jasse, E.

Office of Technical Services

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730068-1

Synthesis of Artificial Long Line and Amplifier With
Negative Impedance by Means of Pad's Approximation
Method, 21 pp.

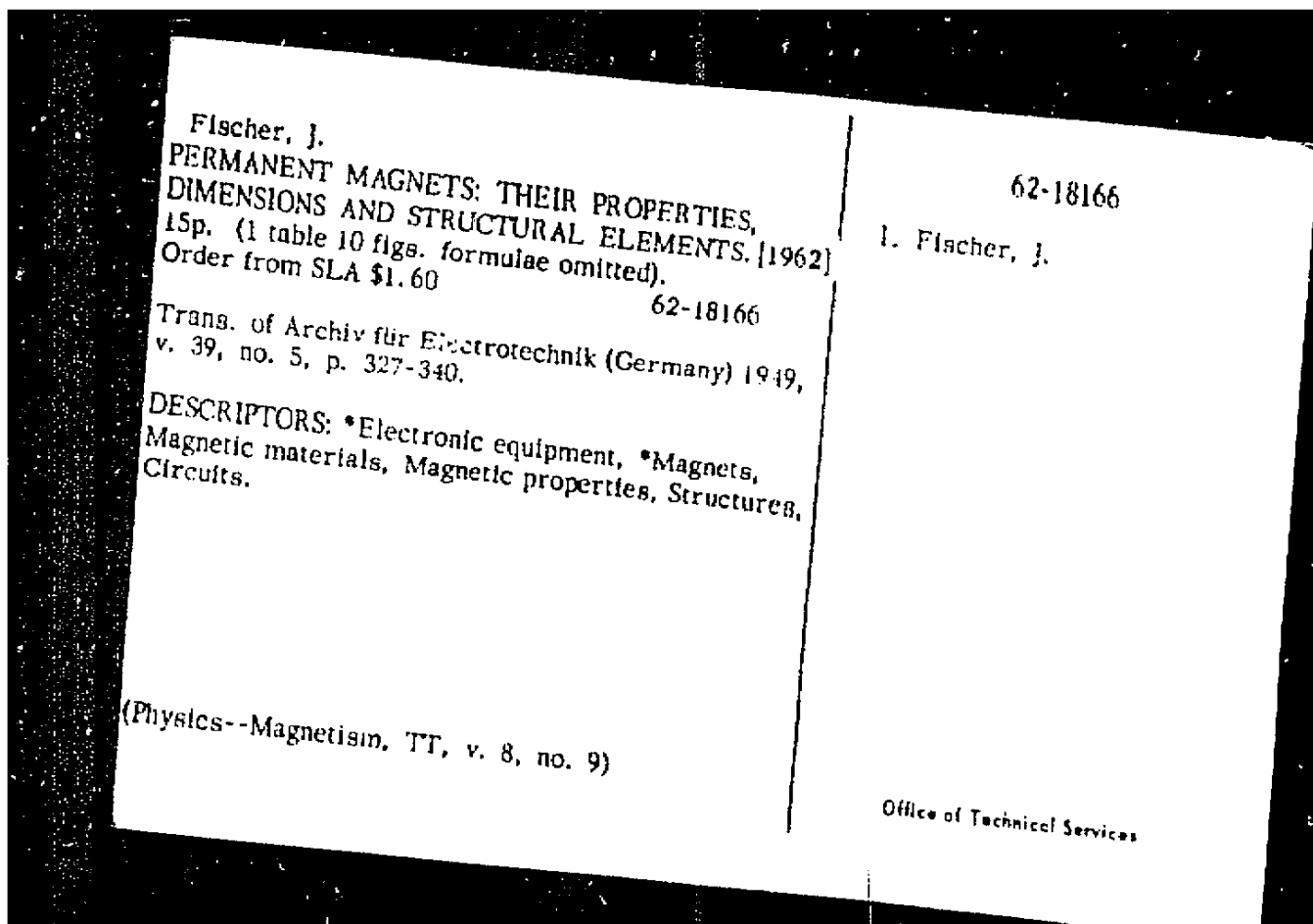
GERMAN, per, Archive of Electrotechnics, Vol VIII,
No 4, 1959, pp 595-615.

*NASA TT-F-134
PL-480

Sci

Feb 63

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730068-1



Realization of Linear Two-Terminal Circuits- I and
II, by Hsi-ta Ming, 21 pp.

GERMAN, per, Arch Electrotech, Vol. XXXIX, No 6, 1949,
pp 363-373.

SLA 57-3537

Sci

Jul 59

Realization of Linear Four-Terminal Circuits of
Given Frequency Characteristics Allowing for Equal
Coil Losses and Equal Condenser Losses. III, by
Hsi-ta Ming, 12 pp. \bar{n}

GERMAN, per, Arch Elektrotech, Vol XXXIX, No 7, p 452.

SLA 57-3530

Sci

Jul 59

92, 539

Breitling, W.
A GRAPHIC METHOD FOR THE DETERMINATION OF
THE MOST FAVORABLE OPERATING POINT OF
PERMANENT MAGNET SYSTEMS. [1962] 5p. (refs.
figs. omitted).
Order from SLA \$1. 10

62-16722

Trans. of Arch[iv] f[ür] Elektrot[chnik] (Germany)
1952, v. 40, no. 6, p. 366-369.

DESCRIPTORS: *Magnets, Magnetic fields,
Statistical analysis.

(Physics--Magnetism, TT, v. 9, no. 1)

62-16722

I. Breitling, W.

Office of Technical Services

Salka, Oskars.
CALCULATION OF IMPULSE-CIRCUITS. [1962] 11p.
(figs. formulae tables refs. omitted).
Available on loan from SLA 62-20346

Trans. of Archiv für Elektrotechnik (Germany) 1953,
v. 31 [no. 1] p. 13-27.

DESCRIPTORS: *Circuits, *Wiring diagrams,
Mathematical analysis, Voltage.

There is shown a way for the joint calculation of a periodical impulse waves which are produced by a CLR circuit or a combined CR circuit (without L). The clarity there is achieved by the introduction of a new coefficient of the aperiodicity. For those analytical functions whose numerical evaluation can only be carried out in a time-consuming manner or not directly, there have been constructed auxiliary curves. Finally, the calculating procedure is illustrated with the help of some practical examples. (Author)

62-20346

I. Salka, O.

(Engineering--Electrical,
TT, v. 9, no. 3)

Office of Technical Services

The Performance of Co-Axial Cables With
Disc Spacers at Frequencies Above 1000
Mc/s, by G. Gunther, 7 pp.

GERMAN, per, Archiv fur Elektrotechnik,
Vol XLI, No 1, 1953, pp 40-45.

RAE Farnborough Tr 538

Sci - Electronics, cables, radar equipment
wave guides

31,367

The Performance of Helical Membrane Co-Axial
Cable in the Frequency Range Above 1000 Mc/s.
by H. Kaden, 33 pp.

GERMAN, per, Archiv fur Elektrotechnik, Vol XLI,
No 1, 1953, pp 45-65.

RAE Farnborough Tr 528

Sci - Electronics, radar equipment, wave guides,

31, 368

The Behavior of Cables with Varying Characteristics Impedance for Television and Measurement Pulses, by H. Kaden.
GERMAN, per, Archiv der Elekt Uber, Vol 7,
No 4, 1953, pp 191-198.
CEGB/O.A. Trans 518

Sci-Elec
Sept 69

391,593

The Underwater Spark as an Acoustic Impulse Source,
by H. Drubba, H. H. Rust, 18 pp.
GERMAN, per, Archiv fuer Elektrotechnik, Vol VII,
1953, pp 429-440. 9220859
A.C.S.I.L. Tr 1440

Sci - Electron
May 64

258,996

The Equations of Oscillation of an Idealized
H. V. Transformer, by J. Vitins.

GERMAN, per, Arch Elektrotech, Vol. ~~XLII~~ ^{XLII},
No 6, 1954, pp 301-312.

ASLIB-GB125

Sci

Aug 58

71,558

Concentric $\lambda/4$ Conductors as a Probe for
Measuring Mechanical Vibration, by E.
Carlsruhe.

GERMAN, per, Archiv Fur Elektrotechnik,
Vol XLII, No 1, 1955, pp 5-13.

CBIRO

Sci - Engr
Oct 61

171,355

Contribution to the Exact Measurement of
Alternating Currents, by G. Trautner.

GERMAN, per, Arch. Elektrotech., Vol XLII,
No 2, 1955, pp 94-99.

T.I.L. T.4674

Sci - Electricity

36,930

Aug 1956

A Contribution to the Theoretical Representation
of the Behaviour in Operation of Thermal Releases,
by J. Kirchsorfer.

GERMAN, per, Arch Elektrotech, Vol XLII, No 2,
1955, p 126-136.

ASLEB GE43

Sci

Jul 58

68,727

The Doppler Effect in Ionospheric Propagation,
by S. Borowski, S. Jasinski, S. Manczarski. UNCL

GERMAN, per, Arch Elektrotech, Vol V, No 2,
1956, pp 343-353.

RAE 793

Sci - Geophys
Jun 59

89,767

Power Measurement and Control in Polyphase
Networks by Means of Semiconductors, by M. J. O.
Strutt, S. F. Sun, 11 pp. UNCL

GERMAN, Ber, Archiv fuer Elektrotechnik, Vol
XLII, 1956, pp 155-164. CIA 9037275

ACSIL 1023

Sci - Electronics
Apr 59

83, 498

The Air-Gap Thermal Resistance of an Electrical
Machine, by J. Hak.

GERMAN, per, Arch Elektrotech, Vol XLII, No 5,
1956, pp 257-272.

R.A.E. Farnborough 589

Sci - Engineering
Mar 57 CTS/dex

45, 086

The Natural Field Error in the Measurement of the
Tangential Field Strength in Iron by Means of the
Hall Effect, by F. Kuhrt, W. Hartel, UNCLASSIFIED

GERMAN, per, Arch fuer Elektrotechnik, Vol XLII,
No 7, 1956, pp 398-409.

Navy Tr 1658/Duships 646

Sci - Physics
Mar 58

59,757

Eldinger, Adolf and Rieder, Werner.
THE BEHAVIOR OF THE ELECTRIC ARC IN A
TRANSVERSE MAGNETIC FIELD (MAGNETIC
BLOWING). [1962] 67p. 105 refs.
Order from SLA \$6. 60 62-18281

Trans. of Archiv für Elektrotechnik (Germany) 1957,
v. 43, no. 2, p. 94-114.

DESCRIPTORS: *Electric arcs, *Magnetic fields,
*Plasma physics, Switches, Rectifiers, Aeronautics,
Cathodes, Hall effect, Statics, Dynamics, Bibliography.

The behavior of the electric arc in a transverse magnetic
field is described in the light of previous publications
and, above all, on the basis of comprehensive personal
investigations. Not only are the physical data to be
covered as accurately as possible, but also all essential
information on the magnetic blowing which is frequently
used in the construction of switch gear is to be given to
(Physics--Electricity, TT, v. 9, no. 5) (over)

62-18281

I. Eldinger, A.
II. Rieder, W.

Office of Technical Services

The Hall Generator as a Four Pole,
by F. Kuhrt, W. Hartel
GERMAN, per, Archiv fuer Elektrotechnik,
Vo. 43, No 1, 1957, pp. 1-15.
NTC 69-10616-09C

Elec.
Sci-Elec
July 69

386,736

Temperature Distribution in Conductors With
Internal Cooling, by J. Kak. UNCLASSIFIED

GERMAN, per, Arch Electrotech, Vol XLIII, No 5, 1981
pp 320-328.

RRZ RAE 742

Sci - Phys; Electronics
Oct 58

75, 271

On Electric Currents Induced by the Geomagnetic
Field in Moving River Water, by H. Buchholz, 45 pp.

GERMAN, per, Archiv fur Elektrotechnik, Vol XLIV,
No 1, 1958, pp 12-31.

SLA 60-10996

Sci

OTS, Vol III, No 7

133,051

Nov 60

Möltgen, Gottfried.
THE REACTIVE POWER OF THREE-PHASE CURRENT
CONVERTERS WITH UNSYMMETRICAL CONTROL.
1958 [28]p. (5 refs. omitted).
Order from SLA \$2.60

61-18368

Trans. of Archiv für Elektrotechnik (Germany) 1959,
v. 42, no. 5, p. 272-285.

DESCRIPTORS: *Current regulators, Phase trans-
formers, Voltage, Electric currents, Direct current,
Control.

A short explanation of the principle of unsymmetric con-
trol is followed, first, by the calculation of the re-
active control power, and then by the derivation of the
sum of control and commutating reactive power for the
unsymmetrical control range. (Author)

(Engineering--Electrical, TT, v. 7, no. 10)

61-18368

I. Möltgen, G.

Office of Technical Services

Field Distribution and Specific Braking Force in
Eddy Current Brakes, by Artur Grun, 34 pp.

GERMAN, per, Arch Elektrotech, Vol XLIV, 1959,
pp 131-145.

AEC Tr-4014

118,750

Sci -
Jun 60

Theory of an AC Circuit Containing an Arc
II, by O. Loh.

BERGMAN, per, Archiv fuer Elektrotechnik
Vol XLIV, No 5, 1959, pp 318-329.

CSIRO

Sci - Electron
Jun 62

203,355

WIPR AS-101 (6-14(1))

R-6253-D

18 Nov 65

Über den Einfluß des Laufschienefeldes auf die
Ausbildung und Bewegung von Lichtbogenaufpunkten

By: Dirk Hesse, Darmstadt

From: ARCHIV FÜR ELEKTROTECHNIK V. 45 #3(1959):
188-207

(20 pp)

German - est for wds:

Type 1 original and 1 carbon copy. Do not include
any charts, graphs, drawings or pictures. Put
captions at the end. But do include all formulas and
tables.

An Attempt at a More Accurate Calculation of
the Graph of Temperature-Rise Against Time in
Electric Machines With the Aid of Heat-Source
Configurations, by A. Kessler.

GERMAN, per, Archiv fur Elektrotechnik,
Vol XLV, No 1, 1960, pp 59-76.

CSIRO

Sci - Engr, Electron
Jun 62

203,354

The Development of Consistent Approximate Relationships for Unsymmetrical Short Circuits of the Synchronous A Salient Pole Machine, by L. Hannakam.

GERMAN, per, Archiv fuer Elektrotechnik, Vol XLV, No 2, 1960, pp 118-156.

RAE Tr No 1001

Sci - Elec

Sep 63

343,614

NIPR AS-101 66-15(a)

**R-6254-D
18 Nov 65**

Determination of the Rail-Field Near Travelling Area

By: Dirk Hesse, Darmstadt

From: ARCHIV FÜR ELEKTOTECHNIK V. 45. 1960:466-478(13pp)

German - est for wds:

Type 1 original and 1 carbon copy. Do not include any charts, graphs, drawings or pictures. Put captions at the end. Do include all formulas and tables.

66-18(s)

R-6475-D

10 Jun 66

Über den Einfluß des Laufschienenmaterials auf die
Wanderungsgeschwindigkeit von Lichtbogen

By: von Dirk Hesse, Darmstadt

From: ARCHIV FÜR ELEKTROTECHNIK 46, #3, 1961: pp. 149-171
(23 pp)

German - est for wis:

Type 1 camera-ready copy and 1 carbon copy.

Document may be cut for paste-up.

Calculation of the Heating of Electric Conductors
With Unlike Cross-Section and Material, by
J. Kirchner, ~~XXXXXXXXXX~~ et al, 43 pp.

GERMAN, per, ~~Archiv fuer Elektro-technik~~,
Vol XLVI, No 4, 1961, pp 223-244. 9676991

AFCHL Res Lib
E-T-R-61-6

Sci - Electron
Jun 62

200,944

THE DYNAMIC BEHAVIOUR OF ARCS IN AN ALTERNATING
CURRENT CIRCUIT, BY H. KOPPLIN.

GERMAN, PER, ARCHIV FUER ELEKTROTECHNIK, VOL XLVII,
NO 1, 1962, PP 47-60.

BISI 2900

SCI - ELECTRICITY

OCT 62

LIST 154

214,810

A New Principle in Generating High Voltages
by Rolf Wideroe, 24 pp.

German
~~RUSSIAN~~, per, Arch. Elektrotech., No 21,
pp 387-406, 1962.

AEC-tr-5878

File
Sci -- Phys
Oct 63

Air Content and Distribution of Air Spaces
in Laminated Dielectrics. I. Investigations
of Discharges in Individual Air Gaps With
External Alternating Field, by W. Boening.
GERMAN, per, Arch. Elektrotech., Vol 48,
No 1, 1963, pp 8-10; 16-22. 9227063
AEC SC-T-64-2004

Sci/Electronics
May 66

300,485

Mean Value Generating Systems in Auto-
matic Control, by A. Weinmann.
GERMAN, per, Archiv fuer Elektrotechnik,
Vol 49, No 6, pp40598-406
NWC 69-10633-12B

Sci-Math

1-1-60

386,823

706 627

A Germanium Double Base Photodiode and
Its Applications, by A. Ambroziak, 45 pp.
POLISH, per, Archiwum Elektrotechniki,
No 11, 1962, pp 181-185.
ACSI I-9245 A
ID 2204009366

Sci-Elect
May 66

299,671

Equivalent Circuits and Properties of
Transistors With Current Carriers
Multiplication, 45 pp.
POLISH, per, Archiwum Elektrotechniki,
No 11, 1962, pp 229-240.
ACSI I-9245 B
ID 2204009366

Sci-Elect
May 66

299,672

Synthesis and Zone Melting of Gallium
Arsenide, by A. Gajda, 45 pp.
POLISH, per, Archiwum Elektrotechniki,
No 11, 1962, pp 384-387,
ACSI I-9245 C
ID 2204009366

Sci-Elect
May 66

299,673

Properties of Matrices of Transistors
With Current Carriers Multiplication
by A. Filipkowski, 45 pp.
POLISH, per, Archiwum Elektrotechniki
No 11, 1962, pp 757-764.
ACSI I-9245 D
ID 2204009366

Sci-Elect
May 66

299,674

Automatic Frequency Correction Circuit
for a Klystron at 3 CM Band, by
J. Twarowski, 45 pp,
POLISH, per, Archiwum Elektrotechniki,
No 11, 1962, pp 819-822.
ACSI I-9245 E
ID 2204009366

Sci-Elect
May 66

299,675

The Effect of the Time of Alloying
on Some Properties of Germanium Tunnel
Diodes, by B. Mroziewicz, 45 pp.
POLISH, per, Archiwum Elektrotechniki,
No 11, 1962, pp829-831.
ACSI I-9245 F
ID 2204009366

Sci-Elect
May 66

299,676

On the Correlation Between Crystal Orientation
and Some Properties of Tunnel Diodes,

by B. Mroziewicz. 45 pp.

POLISH, per, Archiwum Elektrotechniki,

No 11, 1962, pp 832-834.

ACSI I 9245 G

ID 2204009366

Sci-Elect

May 66

299,8677

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730068-1

TT-65-12235

Field 9C

Bader, W.
TOPOLOGICAL PROBLEM OF PRINTED CIRCUITS AND
ITS SOLUTION. 29p, 9refs.
Order from SLA: \$2.60 as TT-65-12235

Trans. of Archiv fuer Elektrotechnik (West Germany)
v49 n1 p2-12 1964.

I. Bader, W.

MR 626

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730068-1

About a Certain Nonparametric Device for
the Detection of Binary (Radar) Signals, by
J. L. Kulikowski, 13 pp.
POLISH, per. Arch Elektrotechniki, Vol 13, N
No 1, 1964, pp 15-24. 9697873
FTD TT-65-365

Sci
Elec

288,527

Some Problems of Statistical Estimates of
Reliability by Sz. Firkowicz, 16 pp.
FOR OFFICIAL USE ONLY
POLISH, per, Archivum Elektrotechnik, Vol XIII,
No 1, 1964. 9698974
FSTC 881-T65-463
ACSI I-7871
ID 2204039465

Sci - Math
Jsn 66

294,451

A New Infrared to Visible Radiation Converter With a
Photronic Cell and a Germanium Photodiode, 32 pp.
POLISH, per, Archiwum Elektrotechniki, Vol XIII,
No 2, 1964, pp 247-278. 9695573
FSTC 381-T64-8

Sci - Elec
Jan 65

270,928

Preliminary Measurement of Parameters of
Thermistor Infrared Detectors, by
E. Kuzma,
POLISH, per, Archiwum Elektrotechniki,
Vol XIII, No 3, 1964, pp 720-724.
*FTD-TT-65-1725

Sci - Elec
Nov 65

Geometric Fourpole Representation of a Double
Transformer, by Johann de Buhr, 13 pp.
GERMAN, per, Arch Elek Uebertrag, Vol 10, 1956,
pp 45-49.
AEC/SLAC-Tr-91-69

Sci/Elec
May 69

377,476

Problems of Aftereffect Phenomena in Vidicon
Tubes, by Walter Heimann. 11 pp.
GERMAN, per, Arch der Elek Uber, Vol 10, No 2,
1956, pp 73-76.
NASA TT F-13,069

Sci-Elec
Oct 70

Propagation of Electromagnetic Waves in a Parallel
Plate Medium With Arbitrarily Thick and Lossy Plates.
by P. Thust.
GERMAN, per Arch. Elect. Ubertr. Vol. 16, No. 1, 1962
pp 42-50
PMG/ENG

Sci -
Aug 67

337-236

AEC (LB/G-3055) TYPES OF WAVES IN MAGNETICALLY
FOCUSSED ELECTRON BEAMS. Poetzi, Hans. Translated by
W. G. Stripp (Atomic Energy Research Establishment, Harwell,
Eng.), from Arch. Elek. Uebertrag.; 19: 367-83 (1965). 46p. NTIS (U. S. Sales Only).

particle accelerators; translations 20G

MN-28 NP NSA

English Title Unknown, by W. Roux.
GERMAN, per, Archiv fur Entwicklungsmechanik
der Organismen, Vol 5, 1897, pp 387-388.
*NASA TT F-12,586

Sept 69

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730068-1

English Title Unknown, by W. Roux.
GERMAN, per, Archiv fur Entwicklungsmechanik
der Organismen, Vol 9, 1900, pp 479-493.
*NASA TT F-12,549

Sept 69

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00403R000200730068-1

Remarks About O. Schultze's Work on the
Necessity of Free Development of the Embryo and
the Normal Effect of Gravitation on Development,
by W. Roux. 22 pp.

GERMAN, per, Arch. Entwicklungsmech. Organ.

Vol 9, 1900, pp 479-493.

NASA TT F 12,549

*CFSTI TT 70-58000

sci/b and m
may 70

406,918

Correction of O. Schultze's Latest Article on
Importance of the Force of Gravity for the
Development of the Animal Embryo and Other,
by W. Roux. 19 pp.
GERMAN, per, Arch. Entwicklungsmech. Organ.
Vol 10, 1900, pp 244-255.
NASA TT F 12,587

CFSTI TT 70-58003

sci/b and m
may 70

406,919

The Conditional Independence from Gravity of
Development of the Polar Differentiation Egg,
by L. Kathariner.
GERMAN, per, Arch Entwicklungsmech Organ, Vol
12, 1901, pp 597-609.
NASA TT F-12,149

Sci-B&M
July 69

385,790

The Behavior of Live Frogs and Frog Larvae in
Distilled Water, by J. Krizenechy.
GERMAN, per, Archiv fur Entwicklungsmechanik
der Organismen Wilhelm Roux, Vol 42, 1917,
pp 604-621.
*NASA TT F-11,962

Sci
Dec 68

The Asymmetrical Development and Situs
Inversus Viscerum in Twins and Double
Structured Organisms, by Hans Spemann,
Herman Falkenberg.
GERMAN, per, Arch Entwicklungsmech Organ,
Vol 45, 1919, pp 371-420.
NASA TT F-12,148

Sci-B&M
June 69

384.118

English Title Unknown, by G. Odquist.
GERMAN, per, Archiv fur Entwicklungsmechanik
der Organismen, Wilhelm Roux, Vol 51, 1922,
pp 610-624.
*NASA TT F-11,272

Dec 67

Experimental Investigation of Sex Trans-
formation in the Frog, by K. Wagner.
GERMAN, per, Archiv fur Entwicklungsmechanik
der Organismen, Wilhelm Roux, Vol 52, 1923,
pp 386-394.
NASA TT F-11,784

Sci
Dec 68

371,167

Construction and Section Experiments with Anuran
Embryos, by G. A. Schmidt.
GERMAN, per, Arch Entwicklungsmech Organ, Vol
129, 1935, pp 1-14.
NASA TT F-12,153

Sci-B&M
Sept 69

391,532

Experimentally Produced Microcephaly in Caudata,
by Gian Tondury.
GERMAN, per, Arch Entwicklungsmech Organ, Vol
136, 1937, pp 529-562.
NASA TT F-12,154

Sci-B&M
Sept 69

391,531

Hormonal Influence of the Ring Gland
(Corpus Allatum) Upon Pupa-ri-um Formation
in Flies, by E. Hadorn, et al.

GERMAN, per, Wilhelm Roux' Archiv fuer
Entwicklungsmechanik der Organismen,
Vol CXXXVIII, 1938, pp 281-304.

CSIRO

Sci - Biol

189,509

Mar 62

V
The Behavior of the Cells in the Fusion of Isolated
Epithelial Spheres of Ephydatia Fluviatilis, by G.
KIKKEN Wintermann-Kilian, W. K. Ankel, 45 pp.

GIERMAN, per, Roux' Arch Entwicklungsmech, Vol CCLVII,
No 2/3, 1954, pp 171-200.

NYH

Scientific - Biology

36, 221

Jun 56 OIS

Cell Function and Changes of Cell Function in the
Development of Dictyostelium Discoideum. Report
III. Separate Influencing of Cell Differentiation
and Morphogenesis, by Guenther Garisch, 0 pp.

GERMAN, per, Roux' Archiv fuer Entwicklungsmechanik
153, 1961, pp 155-167.

NBI 4-24-62

199, 820

Sci - Med

Jun 62

Cell Functions and Change of Cell Function in the
Development of Dictyostelium Discoideum. I. Cell
Agglutination and Induction of Sporophore Polarity,
by Gunther Gerisch, 32 pp.

GERMAN, per, Roux' Arch Entwicklmech, Vol CLII,
1960, pp 632-654.

NIN 7-3-61

Sci - Med
Sep 61

167,962

er,
Dependence of the Magnitude and Form of the
Time-Effect Integral on Dose and Absorption of
Testosterone Esters, by R. Maier, E. Tschopp, 25 pp

GERMAN, per, Arch Exptl Pathol u Pharmacol.

SLA Tr 57-1896

Sci

Jun 58

66,027

The Nitrate of Sodium Perchlorate XII., by H. A.
Herry, E. Rost, 20 pp.

GERMAN, per, Arch fuer Experimentelle Pathologie
und Pharmacologie, Vol. XXXIX, 1897, pp 164-172.

SLA 59-10901

Sci - Med
Sep 59
Vol 2, No 2

97,955