

The Correlation of the Lower Carboniferous
Deposits of the Donbass and Other Regions
of the Russian Platform, by D. E. Aizenverg
and N. E. Brazhnikova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXV, No
3, 1957, pp 589-592.

Consultants Bureau

Sci - Geophys
Sep 58

72, 660

Decomposition Rate of Potassium Persulfate in Hydro-
carbon Emulsions, by A. I. Yurzhenko, O. P.
Brazhnikova, 4 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 5,
May 1956, pp 1311-1314.

Consultants Bureau

Sci - Chemistry
May 57

47,284

Scar Formation in the Central Nervous System
Under the Influence of Pyrogenal, by F. A.
Brazovskaya, T. N. Nesmeyanova, E. N. Yordanskaya,
4 pp.

RUSSIAN, per, Byul Eksper Biol i Med, Vol L,
No 11, 1960, pp 121-122.

CB

Sci
Jul 61.

159, 725

Partial Regeneration of Nerve Conductions in the
Transected Spinal Cord of the Dog, by T. N.
Mozzayanova, F. A. Brazovskaya, E. N. Yordanskaya,
9 pp

RUSSIAN, per, Fiziol Zhur SSSR, imeni I. M. Sechenova
Vol XLVI, No 2, 1960, pp 202-209

pp

Sci

Oct 60

130,173

(NY-541.9)

Development of Mechanics in Yugoslavia, 1954-1959,
by Vlatko Brcic, 12 pp.

CROATIAN, per, Tehnika, Vol XV, No 3, 1960,
pp 394-397.

JPRS 9153

Sci - Engr

May 61

154, 429

The Relationship of Insects to Tobacco Mosaic
Virus, by Yaroslav Brohak, 6 p.

RUSSIAN, per, Voprosy Virusologii, Vol IV, No 2,
1959, pp 171-176.

Pergamon Press

Sci

Apr 60

114,841

US-14

15 233

BRCIC B., SLIVNIK J.

On the synthesis of uranium hexafluoride
Reports of the "J.Stefan" Inst. , 2, 47-50 (1955)

RJ 886. \$ 3.50 - English

E u r a t o m

(SF-3840)

Influence of the Relations of the Antigenic
Structure of Brucellosis and Certain Bacteria
on the Serum-Diagnostics of Brucellosis in
Swine, by B. Trbic, V. Brdaric, 10 pp.

CROATIAN, per, Veterinarski Glasnik, Vol XV,
No 3, 1961, pp 191-200.

JPRS 4796

Sci. - Med
Aug 61

163,302

Retail Trade Turnover and In-Kind Consumption
in Czechoslovakia and the CEMA Countries, by
Miroslav Brdek CSC and Bohumil Skelicky,

9 pp.

GOVERNMENT USE ONLY

CZECH, per, Průmysl Potravin, Prague,

No. 12, Dec 67, pp. 593-596.

JERS GUO 2702

EE(Czech.)

Economic

Feb 68

350,025

Miroslav Brdek

Consumption of Feedstuffs in CMEA Countries,
by Miroslav Brdek, 14 pp.
CZECH, per. Průmysl Potravin, Vol 15, No 10,
Oct 1964, pp 487-491.
JPRS CUD 576

EEUR-Sov Bloc
Food
Mar 68

276,078

RESULTS OF 10 YEARS OF WORK IN THE CHEMICAL
SCIENCE IN CZECHOSLOVAKIA, BY R. BRDICKA,
20 PP. GOVERNMENT USE ONLY
CZECH, PER, CHEMICKE LISTY, VOL LVI, NO 11,
962, PP L, 281-1, 295.

JPRS 17759

SCI - CHEM

FEB 63

223,812

Perception of Taste of Phenylthiourea (PTC),
by R. Brdicka, 10 pp.
CZECH, per, Sbornik Lekarsky, Vol LXVI,
No 4, 1964, pp 116-120. Y100064766
FTD-TT-65-1853

52

Sci - Biol & Med Sci
Nov 66

R. Brdicka

312,925

Brdicka, R.
SOME PROBLEMS OF MODERN REACTION KINETICS [IV]. [1962] 8p.
Order from ATS \$14. 25

ATS-76P58C

Trans. of Chem[icke] Listy (Czechoslovakia) [1938]
v. 32, no. 7/8. p. 146-150.

DESCRIPTORS: *Reaction kinetics, Chemical equilibrium, Chemical reactions.

(Unannounced)

62-12814

- I. Brdicka, R.
- II. ATS-76P58C
- III. Associated Technical Services, Inc., East Orange, N. J.

217210

Office of Technical Services

Brdicka, R.
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Order from ATS \$9.30

ATS-75P58C

Trans. of Chem[icke] Listy (Czechoslovakia) 1938,
v. 32, no. 6, p. 118-120

DESCRIPTORS: *Reaction kinetics, Chemical equilibrium, Chemical reactions

(Unannounced)

62-12815

I. Brdicka, R.
II. ATS-75P58C
III. Associated Technical
Services, Inc., East
Orange, N. J.

217211

Office of Technical Services

Brdicka, R.
SOME PROBLEMS OF MODERN REACTION KINETICS [I]. [1962] 6p.
Order from ATS \$11.00

ATS-73P58C

Trans. of Chem[icke] Listy (Czechoslovakia) 1938,
v. 32, no. 3/4, p. 80-82.

DESCRIPTORS: *Reaction kinetics, Chemical
equilibrium, Chemical reactions

(Unannounced)

62-12811

I. Brdicka, R.
II. ATS-73P58C
III. Associated Technical
Services, Inc., East
Orange, N. J.

217207

Office of Technical Services

Bedicka, R.
SOME PROBLEMS OF MODERN REACTION KINETICS [II]. [1962] p.
Order from ATS \$10.95

ATS-74P58C

Trans. of Chem[icke] Listy (Czechoslovakia) 1948,
v. 32, no. 5, p. 96-99.

DESCRIPTORS: *Reaction kinetics, Chemical equilibrium, Chemical reactions.

(Unannounced)

62-12812

I. Bedicka, R.
II. ATS-74P58C
III. Associated Technical
Services, Inc., East
Orange, N. J.

217208

Office of Technical Services

Indicate:
1967 PROBLEMS OF MODERN REACTION KINETICS
KINETICS, 1967
Order from ATS \$10.25

ATS-77858

Trans. of Chem[icke] Listy (Czechoslovakia) [1938]
v. 32, no. 9, p. 173-175.

DESCRIPTORS: *Reaction kinetics, Chemical equilib-
rium, Chemical reactions

62-12913

- I. PROBLEMS
- II. ATS-77858
- III. Abstracts of Chemical
Science, Inc., East
Orange, N. J.

317203

(Unann.)

Brdicka, R.
SOME PROBLEMS OF MODERN REACTION KINETICS [V]. [1962] 6p.
Order from ATS \$10.25

ATS-77P58C

Trans. of Chem[icke] Listy (Czechoslovakia) [1938]
v. 32, no. 9, p. 173-175.

DESCRIPTORS: *Reaction kinetics, Chemical equilibrium, Chemical reactions

62-12813

I. Brdicka, R.
II. ATS-77P58C
III. Associated Technical
Services, Inc., East
Orange, N. J.

217200

Office of Technical Services

(Unannounced)

(NY-10)

CHEMISTRY AND THE FUTURE, BY RUDOLF
BRDICKA, 12 PP.

CZECH, PER, VEDA A ZIVOT, NO 4, 1961,
PP 193-196. OFFICIAL USE ONLY

JPRS 12266

SIC - CHEM
FEB 62

182,253

Czechoslovak Pediatrics in the Past and How I
Lived Through It, by Prof Dr Jiri Brulik, 7 pp.

BZECH, per, Ceskoslovenska Pediatrie, Vol XII,
No 1, Prague, Jan 1957, pp 66-74.

US JPRS/DC-L-739

Sci - Med
Sep 50

73, 960

An Experimental Investigation of the Condensation of
Steam Inside Cells, by P. M. Bralik, A. Kakabayev,
7 pp.
RUSSIAN, per, Izvestiye Fiz Zhur, Vol VI, No 10,
1961, pp 184-190.

JPRS 28418

Sci
Mar 64

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(DC-6819)

Condensation of Water Vapor From Stationary
Steam-Gas Mixtures, by P. M. Brdlik,
9 pp.

RUSSIAN, per, Inzh-Fiz Zhur, Vol II,
No 3, 1959, pp 3-8.

JPRS 14040

Sci - Phys
Jun 62

199, 319

The Arguments of John Barlow Martin's Book,
by Manuel Tapia Brea, 5 pp.
GOVERNMENT USE ONLY
SPANISH, np, Ahora, 14 Nov 1966, pp. 20-21, 66.
JPRS CUO 2237

Manuel Tapia Brea

LA-Dominican Republic
Pol
Dec 66

315,820

Bridged T Quadripoles With Constant Characteristic
Impedance, by M. Breat.

FRENCH, per. Centre nat. Etud. Telecom., No 902

1950, pp 1-33

CSIR/No. 7782

M. BREAT

Sci -
Sep 67

340,106

Study by Electron Microscope of Uranium
Containing Krypton, by J. Letautrie, G. Drabec,
4 pp.

FRENCH, per, Journal Nuclear Materials, Vol. VI,
1962, pp 342-345. 9206065.

AEC Tr 5727

Sa1 - Nucl Sci

May 63

230,912

Brebec, Gilbert, Levy, Viviane and others.
NEW METHOD FOR INTRODUCING RARE GASES
INTO METALS (Nouvelle Methode d'Introduction des
Gaz Rares dans les Metaux). [1962] [7]p. (foreign
text included) 1 ref.
Order from SLA \$1.10

62-18812

Trans. of Academie des Sciences [Paris]. Comptes
Rendus (France) 1962, v. 254, p. 1794-1796 (pub. by
Gauthier-Villars et Cie., Paris).

DESCRIPTORS: *Metals, *Helium groups gases,
Electric discharges, Cathodes (Electron tubes),
Discharge tubes, *Electrodeposition.

(Engineering--Electronic, TT, v. 10, no. 4)

62-18812

I. Brebec, G.
II. Levy, V.

Office of Technical Services

The Economic Advantages of Mechanising the Welding
Processes in the erection of Blast Furnaces
By A.M. Brachak. pp 5

RUSSIAN, per. Avtomat Svarka. No 11. 1962. pp 79-83

BWRA

Sci

Oct 63

240-960

S. Brechet
Collision Broadening of Spectral Lines. Part I.
The Adiabatic Contribution, by S. Brechet
EUROPEAN, per, Annales d'Astrophysique, Vol 27,
1964, pp 432-449
HTC 71-16328-20H

mar 72

Brecher, Gerhard A.
FORM AND DIMENSION OF THE PANUM AREAS
IN FOVEAL VISION (Form und Ausdehnung der
Panumschen Areale bei Fovealem Sehen). [1961][22]p.
12 refs.

Order from SLA mi\$2.70, ph\$4.80 61-14135

Trans. of Pflugers Arch[iv fur die Gesamte Physio-
logie des Menschen und der Tiere] (Germany) 1942,
v. 246, p. 315-328

61-14135

1. Eye--Physiology
2. Visual acuity--Physio-
logical factors
3. Title: Panum's areas
1. Brecher, G. A.

Office of Technical Services

(Unannounced)

S. Brechot

Collision Broadening of Spectral Lines. Part II.
General Theory of Broadening by Electron
Collision, by S. Brechot
EUROPEAN, per, Annales d'Astrophysique, Vol 27,
1964, pp 739-758
NTC 71-16327-20H

NASA TT F-10, 888 (G40)

mar 72

Collision Broadening of Spectral Lines,
Part I: The Adiabatic Contribution, by
Sylvie Brechet. GOVERNMENT USE ONLY
FRENCH, per, Ann Astrophys, Vol XXVII,
1964, pp 432-449.
NASA TT F-10,890

Sci - Phys
Jun 67

Sylvie Brechet

326,061

Conversion Problems in the Gas Grid by C. Brecht.
GERMAN, per Gas Warne, Vol. 12, No. 12, 1964, pp
467-474
OB 280/114

C. Brecht

Sci -
Aug 67

339-385

A New Electrical Pulse Recorder and its Simple
Application in Medical Practice, by H. Boucke,
K. Bracht.

GERMAN, per, Deutsch. Med Wochr, Vol LXXVII,
No 17, 1952, pp 562-563.

T.I.L. T.4555

Sci - Medicine, Engineering 35,744

Jun 1956

TT-65-14341

Field 11L

Brecht, W.; Athanassoulas, M.; Slewert, H. W.
THE INFLUENCE OF THE ANGLE BETWEEN THE BAR
TACKLE IN BEATERS AND REFINERS. 10p, 7 refs.
Order from SLA: \$1.10 as TT-65-14341
Trans. of das Papier (West Germany) v19 n3 p93-6 1965.

Mo 679

The Testing of Paper for Suitability as Corrugating
Medium. by W. Brocht, W. Berthold, 12 pp.

GERMAN. per, Maschinenblatt Papierfabrik, Vol LXXXVII,
No 11/12, 1959, pp 467-478.

SLA 66-14146
66-14146

Oct

Oct 61

169, 950

Vol III, No 9

On the Measurement of the Rigidity of
Paper, Carton Board and Board, I, by
W. Brecht, F. Muller, 10 pp.

GERMAN, par, Das Papier, Vol XIV,
No 7, 1960, pp 270-277.

SLA 60-18098

Sci
Vol IV, No 9
Mar 62

187, 127

Investigations on the Dewatering of the
Waste Water Sludges of the Paper Industry,
by W. Brecht, W. Marlow. 9 p.
GERMAN, per, das Papier, Vol 18, No 12,
1964, pp 741-746.
SIA TT-66-10496

W. Brecht

Sci-Engr
Jul 66

306,128

Brecht, W. and Pohl, A.
THE CONDITIONING OF PAPER AND ITS EFFECTS.
[1961] 18p. (16 figs. omitted) 15 refs.
Order from SLA \$1.60

61-16804

Trans. of das Papier (West Germany) 1960, v. 14,
no. 10a, p. 590-600.

DESCRIPTORS: *Paper, Quality control, Physical
properties, Tests.

A paper which has been subjected to a conditioning
process cycle will, after a sufficient number of cycles,
attain a constant reaction, but will also show in drying
a greater shrinkage and on becoming humid a smaller
expansion than in the unconditioned state. Conditioned
paper will remain flatter than unconditioned only as
long as the climatic conditions to which, through con-
ditioning its moisture content was adjusted, do not
change. Measurements taken on an atomising humidifi-
cation machine showed that the principle of electro-
(Materials--Paper, TT, v. 6, no. 4) (over)

61-16804

I. Brecht, W.
II. Pohl, A.

Office of Technical Services

01-14905

Brecht, W. and Hildenbrand, W.
ABOUT THE DIMENSIONAL STABILITY OF PAPERS.
Mar 61, 18p. (21 figs. omitted) 79 refs.
Order from SLA \$1.60 61-14905

Trans. of das Papier (West Germany) 1960, v. 14,
no. 10a, p. 610-624.

DESCRIPTORS: *Paper, Quality control, Physical
properties, Tests.

An apparatus has been designed which yields curves
during paper tests recording the changes arising from
the moisture content during a change of climatic con-
ditions and the changes of dimensions of the papers as
a function of time. The results of ample investigations
show how different production conditions influence the
relation between climatic conditions and dimension
changes and affect the speed of these reactions. (Author

(Materials--Paper, TT, v. 6, no. 1)

I. Brecht, W.
II. Hildenbrand, W.

Office of Technical Services

A Technical Comparison of the Beck, Gurley,
Hill and Bendtsen Smoothness Testers, by W.
Brocht, H. Geenen, 13 pp. UNCLASSIFIED

GERMAN, per. Wochenblatt Papierfabrik, Vol LXXXV,
No 12, 30 Jun 1957, pp 447-451.

Dept of Commerce
National Bureau of Standards

Sci - Eng
Apr 58

62,397

SL 4 67-088

The Cockling of Paper, by W. Brecht, F. Muller, and
H. Weiss, 14 pp.

GERMAN, per, Das Papier, Vol IX, No 7-8, 1955,
pp 133.

SLA Tr 57-1731

Sci

Jul 58

67,937

The Rheological Behaviour of Paper of Varying
Moisture Content When Subjected to Short Tensile
Strain, by W. Brecht, E. Fuhrbeck, 7 pp.

GERMAN, per, das Papier, Vol XIII, No 13/14,
1959, pp 293-301.

SIA 60-14010

Sci
OTS, Vol III, No 7
Nov 60

133,054

Beating Control With the ¹Reset Fiber Separator, by
W. Brecht, A. Pohl, 9 pp. ^N

GERMAN, per, Das Papier, Sep 1956. Vol. ~~X~~, No 17-18,
Pf 409-412

SLA tr 57-1174

Sci - Engineering
Feb 58

58,498

ASLIB/GB-131

Brecht, W. and Wanka, R.
CONTRACTION OF PAPER IN THE CROSS DIREC-
TION. Jan 64, 11p (figs omitted) Gerts
Order from SLA \$1.60

TT-64-14800

Trans. of das Papier (West Germany) 1963, v. 17,
no. 4, p. 141-147.

(Materials--Paper, TT, v. 11, no. 11)

TT-64-14800

I. Brecht, W.
II. Wanka, R.

1280613

Office of Technical Services

Brecht, W. and Zippel, F.
INVESTIGATIONS INTO THE OPERATION OF MILL
WASTE WATER CLARIFICATION PLANTS. [1963]
[15p] (figs omitted) 2 refs
Order from SLA \$1.60

TT-63-20826

Trans. of das Papler (West Germany) 1962, v. 16,
no. 10a, p. 645-654. (Abstract available)

DESCRIPTORS: *Water supplies, *Wastes (Industrial),
*Purification, Paper industry, Sedimentation, Separation,

Investigations on 13 clarifying installations employed by
the Paper and Board Industry indicated that considerable
differences existed in the layout of the installations and
the circulatory systems inside the overall production
water system. So far as fibre recovery is concerned,
good clarifying effects are almost always obtained,
although with chemical/mechanical clarification there is
(Engineering--Chemical, TT, v. 11, no. 3) (over)

TT-63-20826

1. Title: Clarifying plant
- I. Brecht, W.
- II. Zippel, F.

Office of Technical Services

Stress-Strain Measurement on Paper in Initially Wet
Condition, by W. Brecht, W. York, 12 pp.

GERMAN, per, Das Papier, Vol VIII, No 17/18, 1954,
pp 365-370.

ATS 311290

Sci - Engr

Jul 59

OTS I, 11

91, 037

Dry Content and Initial Wet Strength After Laboratory
Suction Draining, by W. Brecht, A. Gerspach, 6 pp.

^{Sci}
GERMAN, Das Papier, Vol X, No 23-24, 1956, p 535.

BIA 58-258

Sci

Aug 59

94,187

Development in Woodpulp Production, by W.
Brecht.
GERMAN, per, Dt. Papierwirt. No. 4, 1964
pp 46-54
NRC C-5752

W. BRECHT

Sci -
Aug 67

337-167

62-20453

Brecht, W. and Raderer, P.
THE CAUSE OF CURLING IN PAPERS. Nov 62, 6p.
(figs. omitted) 5 refs.
Order from SLA \$1.10

62-20453

Trans. of Wochenblatt für Papierfabrikation (West
Germany) 1962, v. 90, p. 373-377.

DESCRIPTORS: *Paper, Driers (Apparatus), Process-
ing, Automation.

A brief outline is first given of present knowledge of
the causes for the tendency to curl and for the curling
of papers. New studies have dealt with an answer to the
problem of why paper curls which has dried unevenly
rapidly on both sides, and why such curvature always
occurs in concave fashion towards the side which dried
last. When a study was made of the relationships be-

- I. Title: Curling
- I. Brecht, W.
- II. Raderer, P.

106829

Brocht, W. and Heyn, D.
THE SMOOTHNESS OF CALENDERED PAPERS AND
ITS DEPENDENCE ON ATMOSPHERIC HUMIDITY.
Apr 63, 11p. (figs. omitted) 8 refs.
Order from SLA \$1.60

63-18282

Trans. of Wochenbl[att] für Papierfabrikation (West
Germany) 1958 [v. 86] no. 23/24, p. 1087-1048.

DESCRIPTORS: Paper, Surface properties, Humidity.

(Materials--Paper, TT, v. 10, no. 8)

63-18282

I. Brocht, W.
II. Heyn, D.

A247711

Office of Technical Services

Brecht, W. and Merlau, W.
FIBRE RECOVERY FROM THE WASTE WATERS OF
MILLS PROCESSING WASTE PAPERS. [1963] 10p
(figs omitted) 8refs
Order from SLA \$1.10

TT-64-14340

Trans. of Wochenblatt für Papierfabrikation (West
Germany) 1963 [v. 91] no. 15/16, p. 772-778.

DESCRIPTORS: *Paper, *Wastes (Industrial), Process-
ing, *Wood pulp, Fibers, Recovery.

(Materials--Paper, TT, v. 11, no. 7)

TT-64-14340

I. Brecht, W.
II. Merlau, W.

1273504

Office of Technical Services

Brecht, W.
FIBRE RECOVERY FROM PAPER MACHINE WASTE
WATER. [1963] 13p (figs omitted) 13refs
Order from SLA \$1.60

TT-64-14348

Trans. of das Papier (West Germany) 1962, v. 16,
no. 10a, p. 635-645.

DESCRIPTORS: *Wastes (Industrial), Machines,
*Paper, *Wood pulp, Recovery, Flotation (Separation).

(Materials--Paper, TT, v. 11, no. 7)

TT-64-14348

I. Brecht, W.

A. 73506

Office of Technical Service

Investigation of the Suitability of the Liquid
For the Electrical Measurement of Flow of
Stock Suspensions, by W. Brecht, K. Hansen,
6 pp.

GERMAN, per, Wochenblatt für Papierfabrikation,
Vol. LXXVII, No 21, 1959, pp 895-900

SLA 60-14395

Sci
Jan 62
Vol III, No 10

181, 268

On Wet Screening (Fine Screening) of Fibres in the
Paper Industry, by W. Brecht, M. Schroter

BERMAN, per, Papier-Fabr, Vol VIII, 1944, pp 259-268.

Nat'l Res Council Canada TT 289

~~REPRODUCTION~~

E - GDR

Economic

CTI CTS/DEI

Price).25

16,364

Comparison of Different Instruments for Measuring
the Air Permeability of Paper, by W. Brecht, I.
Hampel.

GERMAN, per, Daspapier, Vol 17, No 12, 1963, pp
96-687
GB 167/3534

W. BRECHT

Sci -
Aug 67

336,666

Brecht, W. and Erfurt, H.
NEW DATA ON THE TENSILE STRENGTH OF
PAPERS. [Sep 60] 13p. (14 figs. 2 graphs omitted)
19 refs.
Order from SLA m\$2.40, ph\$3.30 61-10207

Trans. of the Papler (West Germany) 1959, v. 13,
no. 23/24, p. 583-592.

A new apparatus is described which enables the
stress-strain properties of paper to be determined
within the total range of solid contents of 13% to 90%.
The device functions with a constant rate of extension
which can be varied over wide limits. The flow be-
haviour of initially wet papers was studied, and an
investigation was made of the influences exercised by
fibre swelling, beating, and the changes in the com-
position of the structural elements occurring during
beating on the relationship between solids content and
tensile strength. This study supplies a comprehen-
sive picture of the various factors affecting the

61-10207

- I. Paper--Tensile properties
- I. Brecht, W.
- II. Erfurt, H.

141,137

Office of Technical Services

Instrumental Procedures of the Fibre- Length
Measuring Techniques, by W. Brecht,
W. Volk,

GERMAN, per, Papier, Vol XII, No 9/10, p 196,
1958,

C.S.I.R.O.
SLA 58-1804

Sci - Phys

May 60

116/132

The Influence of the Tensile Forces during
the Drying of Paper on the Behaviour of
Paper, by W. Brecht and D. Pothmann, 30 pp.

GERMAN, per, Das Papier, Vol IX, No 13-14
and 17-18, Jul and Sep 1955, pp 304-
311 and 429-437.

SLA 57-3311

Sc1

Aug 58

72,480

The Effect of Wire Structure on Fibre Drainage
Study on Stationary Screen, by W. Brecht, H.
Erfort and W. Volk, 13 pp.

GERMAN, per, Das Papier, Sep 1956, pp 395-402.

SLA Tr 57-1720

Sci

Jul 58

67,935

The Influence of Drying Strains on Some
Properties of Paper, by W. Brecht, A. Ger-
sach, and W. Hildenbrand, 13 pp.

GERMAN, per, Das Papier, Vol X, No 19-20,
Oct 1956, pp 454-458.

SLA Tr 77-1721

Sci

Jul 58

67,936

Brecht, W. and Kirchner, U.
THE AIR CONTENT OF PAPER PULP SUSPEN-
SIONS. Mar 62, 10p. (figs. omitted) 5 refs.
Order from SLA \$1.10

62-16505

Trans. of das Papier (West Germany) 1961, v. 15,
no. 10a, p. 625-634.

DESCRIPTORS: *Paper, Production, Air, Absorption,
Bubbles, Foams, Stability, *Wood pulp, Water,
Drainage, Milling machines, Particles.

(Materials--Paper, TT, v. 8, no. 10)

62-16505

I. Brecht, W.
II. Kirchner, U.

C226200

Office of Technical Services

Brecht, W. and Weltzel, W.

THE SPECIFIC CLEANING ACTION OF DIFFERENT TYPES OF WIRE SPRAY PIPES. Mar 62, 7p. (figs. omitted) 5 refs.

Order from SLA \$1.10

62-16504

Trans. of [das] Papler (West Germany) 1961, v. 15, no. 10a, p. 635-643.

DESCRIPTORS: Paper, Production, *Milling machines, Pipes, *Cleaning, Water, *Spray nozzles, Consumption, Reduction, Liquid jets, Wire screens, Water filters, Water impingement

A mathematical procedure is given for calculating the tension in the various parts of the wire, the tractive force required, and the distribution of the tractive forces between the two driving rolls, for calculation of the power of the electric drive. In this (Materials--Paper, TT, v. 8, no. 10) (over)

62-16504

- I. Title: Fourdrinier wire
- I. Brecht, W.
- II. Weltzel, W.

0226259

Office of Technical Services

Influence of the Relative Atmospheric Humidity on
Paper, by W. Brecht, 10 pp.

DUTCH, per, de Papierwereld, Vol XIII, No 2, 1958,
p 35ff.

SLA 60-14020

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OTS, Vol III, No 7
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Brecht, W. and others.

CONTROL OF THE WATER CIRCULATION IN PAPER
MILLS. [1962] 18p. (figs. omitted) 9 refs.
Order from SLA \$1.60

63-10335

Trans. of Wochenblatt für Papierfabrikation (West
Germany) 1961, v. 89, no. 17, p. 821-831.

DESCRIPTORS: Control systems, *Water, Paper, In-
dustrial plants, Consumption, *Flowmeters, Oxygen,
Electrometers, *Paper industry, Waste (Industrial),
Economics

(Materials--Paper, TT, v. 9, no. 11)

63-10335

I. Brecht, W.

237395

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Aspects of Laboratory Pulp Beating, by
W. Brecht. 17p.
GERMAN, per, Wochenblatt fuer Papierfabrikation,
Vol 92, No 23/24, 1994, pp 707-713.
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W. Brecht

Sci-Materials
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Stress-strain Measurement of Papers in the
State of Initial Wet Strength, by W. Brecht,
W. Volk.

GERMAN, per, Papier, Vol 8, No 1716, 1954,
pp 365-370.
GB/167/3813

W. BRECHT

Sci -
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334,839

Laboratory Investigation on the Suitability
of Some Instruments for Rapid Measurement of
the Moisture Content of Paper, by W. Brecht,
L. Korner.

GERMAN, per, Papier, No 20, 1954, pp 419-430.

W. B. Brecht

Sci -
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334,838

Brecht, W. and Müller, F.
STIFFNESS TESTING OF PAPER, CARTON, AND
BOARD. [II]. Apr 61, 12p. (12 figs. omitted).
Order from SLA \$1.60

61-16464

Trans. of das Papier (West Germany) 1960, v. 14,
no. 9, p. 414-422.

DESCRIPTORS: *Paper, Mechanical properties, Test
equipment, Stresses.

It was found that the majority of the different procedures
and instruments characterise rigidity only on a relative
basis and indirectly. The fundamental difference in the
bending behaviour of elastic and elasto-plastic mate-
rials was theoretically demonstrated and it was shown
that a distinction has to be made between two cases when
subjecting paper to bending stresses. One case is char-
acterised by such slight bending of the sample that the
strain at the sample surface does not exceed the region
(Materials--Paper, TT. v. 6, no. 6) (over)

61-16464

- I. Brecht, W.
- II. Müller, F.
- III. Title: On the Measurement
of the Rigidity of Paper,
Carton Board and Board,
II.

Office of Technical Services

Brecht, W. and Blikstad, F.
A NEW INSTRUMENT FOR MEASURING THE
STIFFNESS OF PAPER CARTON BOARD AND
BOARD. Sep 60 [8]p. (7 figs. omitted).
Order from SLA ml\$1.80, ph\$1.80

60-18887

Trans. of Papier-fabrikant (Germany) 1940, v. 38,
no. 4, p. 17-22.

(Materials--Paper, TT, v. 5, no. 2)

60-18887

1. Paper--Testing equipment
- I. Brecht, W.
- II. Blikstad, F.

Office of Technical Services

Brecht, Walter.
THE INFLUENCE OF MIXING OF DIFFERENT
PULPS ON THE PHYSICAL PROPERTIES OF PAPERS.
[1963] [12p] 31refs
Order from SLA \$1.60

TT-64-10795

Trans. of Svensk Pappers-tidning, 1963, v. 66 [no. 5]
p. 159-167. (Abstract available)

DESCRIPTORS: *Wood pulp, Mixtures, *Paper,
Sheets, Fibers, Tensile properties, Manufacturing
methods.

Starting with some basic considerations, characteristics
of mixing curves were demonstrated. In particular, it
was shown for two pulps, in each case, that the
property of the mixture was the result of a mixing
harmony of the two components. If two pulps are
similar or only slightly different concerning one of
(Materials--Paper, TT, v. 11, no. 9) (over)

TT-64-10795

1. Brecht, W.

Office of Technical Services

Brecht, W[alter] and Erfurt, H[orst].
OBSERVATIONS ON THE STRETCH OF PAPER.
Mar 61, 19p. (14 figs. omitted) 28 refs.
Order from SLA \$1.60 61-16120

Trans. of das Papier (West Germany) 1960, v. 14,
no. 12, p. 723-736.

DESCRIPTORS: *Paper, Wood pulp fibers, Mechanical
properties, Physical properties, Tests.

A previously described apparatus (das Papier 13: 583,
1959; available in translation from SLA as 61-10207)
was used to study the effects which the solid content of
the paper, the type of fibres used and their degree of
beating, and the structural character of mechanical and
chemical pulps exert on the extensibility of papers.

(Materials--Paper, TT, v. 6, no. 4)

61-16120

I. Brecht, W.
II. Erfurt, H.

Office of Technical Services

Brecht, W[alter] and Müller, F[riedrich].
ABOUT THE HANDLE OF PAPER. 1961, 16p.
(13 figs. omitted) 26 refs.
Order from SLA \$1.60

61-10886

Trans. of das Papier (West Germany) 1960, v. 14,
no. 10a, p. 554-564.

DESCRIPTORS: *Paper, Physical properties, Mechan-
ical properties, Tests.

The definition, "handle", referring to the "feel" of
paper is examined and an attempt is made to relate it
to objective measurement. Some 43 papers of different
"handle" were distributed among 5 basis-weight ranges
for individual assessment by trade observers. Those
tactile properties (bending stiffness and thickness)
enabling the classification by "handle" by the expert
were measured, yielding a correlation between sub-
jective assessment and actual measurement (Spearman
order of merit correlation coefficient 0.986). The
(Materials--Paper, TT, v. 6, no. 1) (over)

61-10886

I. Brecht, W.
II. Müller, F.

Office of Technical Services

Tendency of Paper to Curling, by Walter Brecht,
Paul Raderer, Wolfgang Weitzel, 10 p.

GERMAN, per, das Papier, 1959, Vol XIII, No 11/12,
pp 237-244.

SLA 60-10128

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Vol III, No 3

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TT-65-13814

Field 11L

Brecht, W.; Bauer, A.
PLY ADHESION OF MULTIPLY PAPERS AND BOARDS.
14p.
Order from SLA: \$1.60 as TT-65-13814
Trans. of das Papler (West Germany) v2 n13/14 p225-8;
n15/16 p288-90 1948.

MR 666

Kollergang, refiner, curlator, by Walter Brecht,
30 pp.

GERMAN, per, Das Papier, Vol V, no 17/18, 1951,
Pp. 361-371.

S.L.A. Tr 69

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Scientific - Engineering

32,752

Brecht, Walter and Weap, Adam.
A NEW APPARATUS FOR TESTING FOLDING
STRENGTH. [1961] [34]p.
Order from SLA \$3.60

61-20097

Trans. of das Papier (West Germany) 1952, v. 6,
no. 21/22, p. 443-449 and no. 23/24, p. 496-503.

DESCRIPTORS: *Paper, Mechanical properties, Test
equipment.

The range of the pressure folder extends from 20g/m²
to 500 g/m², without reference to the tensile strength.
Its principle as calculated gives a true picture of the
fold strength of the sheet. (Author)

(Materials--Paper, TT, v. 7, no. 1)

61-20097

1. Title: Schopper fold tester
- I. Brecht, W.
- II. Weap, A.

184242

Office of Technical Services

Brecht, Walter and Körner, Ludwig.
LABORATORY INVESTIGATIONS ON THE SUIT-
ABILITY OF SOME INSTRUMENTS FOR RAPID
MEASUREMENT OF MOISTURE CONTENT IN PAPER.
C. RAPID DETERMINATION OF MOISTURE CON-
TENT IN PAPER THROUGH DIELECTRIC MEASURE-
MENTS. [1963] 27p. (figs omitted) 16refs
Order from SLA \$2.60

63-20136

Trans. of das Papier (West Germany) 1954, v. 8,
p. 419-430.

DESCRIPTORS: *Paper, *Moisture, Determination,
Dielectrics, Instrumentation, Wood pulp, Resistance
(Electrical), Measurement

(Materials--Paper, TT, v. 10, no. 11)

63-20136

I. Brecht, W.
II. Körner, L.
III. Title: Rapid...

. 6353.3

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Novel Method of Measurement of Smoothness and
Uniformity of Smoothness on Papers and Boards, by
Walter Brecht, Hermann Geesam, 14 pp.

GEESAM, per, Das Papier, Vol XIII, No 21/22, 1957,
pp 519-530.

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Sci
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Vol III, No 5

Water and Waste Water Systems of Illustration
Printing Paper Mills, by Walter ~~Brecht~~, Fridolin
Zippel, 11 pp.

GERMAN, per, Das Papier, Vol XII, No 23/24, 1958,
pp 615-623.

SLA 60-10916

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Vol XII, No 5

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The Behaviour of Papers When Their Moisture Content
Changes. Pt 1., by Walter Brecht. 9 pp.

GERMAN, per *das Papier*, Vol XIII, No 7/8, 1959;
pp 130-137.

SLA 59-15918

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Vol 2. no 9

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1957 Annual Report of the Institute of
Technology in Darmstadt, by Walter Brecht, 14 pp.
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Content Changes, Pt II, by Walter Brecht, 6 p.

GERMAN, per, das Papier, 1959, Vol XIII,
No 9/10, pp 201-207.

SLA 59-17046

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Vol 2, No 6

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LIN PREPARATION. [1960] 10p. 8 refs.
Order from SLA mi\$1.80, ph\$1.80 61-10333

Trans. of [die Medizinische] (West Germany) 1960,
no. 33/34, p. 1679-1682.

61-10333

1. Tetracycline--Therapeutic
effects
1. Brecht, W.

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(Biological Sciences--Pathology, TT, v. 5, no. 5)

Spectral Control of Oxygen-Steam Blown Heats,
by Breckpot, Juchniewicz. UNCLASSIFIED

R. B.
GERMAN, paper presented to the 27th Congress of
Industrial Chemistry, 1954, Brussels.

Iron and Steel Inst Tr 958
(12) 61-12401

Sci - Chem; Phys
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Ratio of Cross Sections for the Production of the
 Sc^{44} and Sc^{44m} Isomer Pair in Heavy Ion Reactions,
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No 4, 1963, pp 904-909.

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Sov Phys - JETP
Vol XVIII, No 3

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Isomer Pair in Reactions Involving Heavy Ions, by
V. V. Eredei, B. A. Gvozdev, et al, 10 pp.

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Sol. - Nucl. Sci
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Production of Short Lived ~~Isomers~~ Isomers by Means of
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Alexander, V. Bradel, 9 pp.

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V. V. Bredel', V. L. Mikheyev, 4 pp.

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On the Simultaneous Approximation of Functions
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Ye. A. Bredikhina

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Absorption by the Cortex of Shoots and Its Effect, *by*
G. Bredemann, H. Radloff, ~~10~~ ¹⁴ pp.

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Sci - ~~Biology~~, Chemistry *33, 013*
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T. V. Lishchenko, H. V. Bredanfel'd, O. I. Rozhnova-
vanskaya, 14 pp.

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