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Vol VIII, No 1, Oct 61
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Action of Hydrogen Peroxide in Trivalent and
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ECON

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REF 4302

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REC 69-11173-068

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THE PROBLEM OF THE MAXIMUM FLOW IN
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ING CONSTRAINTS (Recherche du Flot Maximum
dans Certains Reseaux Lorsqu'on Impose une Condi-
tion de Bouclage). [1963] [20]p. (foreign text included).
Order from SLA \$1.60 63-14055

Trans. of mono. International Conference on
Operational Research (no. 2) 1960. Proceedings,
p. 156-163.

DESCRIPTORS: *Transportation, *Traffic, Networks,
*Linear programming; Operations research.

We take a transportation network in which each entry
arc is matched with an exit arc, and reciprocally;
two such arcs are required to carry the same flow.
Under such conditions we can obtain the maximum
(Machinery--Transport, TT, v. 10, no. 4) (over)

Office of Technical Services

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Ghouila-Houri, A.
A SUFFICIENT CONDITION FOR THE EXISTENCE
OF A HAMILTONIAN CIRCUIT. [1961] 6p. 2 refs.
Order from SLA \$1.10 61-14758

Trans. of Academie des Sciences [Paris].
Comptes Rendus (France) 1960, v. 251, no. 4,
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DESCRIPTORS: Quantum mechanics, Theory.

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a Dirac theorem. (Author)

(Physics--Theoretical, TT, v. 6, no. 7)

61-14758

I. Ghouila-Houri, A.

Office of Technical Services

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~~Vol~~ Vol XLVII, 1961, pp 561-568.

NIH 11-3-61

Sci - Med

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Jan 62

SETOC

(NY-4581)

Czechoslovak Metallurgy From 1945 to 1960, by
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pp 419-422.

JPRS 5801

EEur - Czechoslovakia

HE Econ

Oct 60

COPYRIGHT

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70-13438-06R

Chys, R.

PROTECTIVE EFFECT OF TESTOSTERONE AND SOME
OTHER STEROID HORMONES AGAINST RADIUM. Journal
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SLA TT 64-20346

A. Giacalone

May 67

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pp. 329-353, 1952.
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A. Giachetti

[Kinetics of Propylene Polymerization with Highly Stereospecific Heterogeneous Catalysts]. Part III, Chain Deactivation Processes Dependent on the Catalyst Concentration, by G. Natta, I. Pasquon, E. Giachetti, 18 p.

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^N
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No 12, 1957, pp 993-1001.

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Kinetics of Chain Growth and Termination Processes
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SLA 3225

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Giacobini, Clella.

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Order from SLA \$1.10 61-18270

Trans. of Istituto Centrale del Restauro. Boll[etino]
(Italy) 1937, v. 31/32, p. 109-113.

DESCRIPTORS: *Microorganisms, *Carbon, Growth,
*Plastics, Culture media, Fungi, Resins, Vinyl
radicals, Acetates.

Experiments demonstrate how solid Vinsvyls can be
attacked by fungi. Growth is not noticeable, but is
characterized by the formation of points of attack,
from which the hyphae penetrate the innermost struc-
ture of the resin. Infiltration, which can be detected
macroscopically, is also confirmed by microscopic
observations. The mycelium of individual strains also
(Botanical Science, Microbiology, TT v. 7, no. 11)

61-18270

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209641

Office of Technical Services

Giacobini, Clidia.

**GROWTH OF MICROORGANISMS ON A SYNTHETIC
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Order from SLA \$1.10

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Trans. of Istituto Centr[ale] del Restauro. Bollettino
(Italy) 1958, v. 33, p. 19-26.

DESCRIPTORS: *Microorganisms, Growth, *Adhesives,
Resins, Plasticizers, Fungi, Culture media, Carbons.

Previous tests (Inst. Centr. del Restauro. Bollettino
31/32: 108-113, 1957; available in translation from
SLA \$1.10 as 61-18270), wherein it was demonstrated
that certain synthetic solid Vinavyls can constitute a
carbon source usable by some microorganisms for
their growth, were extended to synthetic adhesives
composed of polyvinyl resins mixed with plasticizers.
Results showed that these can be attacked by micro-
(Biological Sciences--Microbiology, TT, v. 7, no. 1.1)
(over)

61-18620

L. Giacobini, C.

209142

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ON THE CONSTITUTION OF SULFUR MONOCHLORIDE AND ON THE DERIVATIVES OF THE HYPOTHETICAL ACID $(S-OH)_2$. [1960] 9p. 17 refs.
Order from SLA mi\$1.80, ph\$1.80 60-16848

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1. Sulfur chlorides--Synthesis
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Giacometti, G., Nordio, P. L., and Rigatti, G.
ELECTRON STRUCTURE AND SPECTRA OF CHLORANIL AND p-PHENYLENEDIAMINE (Struttura Elettronica e Spettri del Cloranile e della p-Fenilenediammina). (1962) 9p. 16 refs.
Order from S.I.A. \$1.10

62-18706

Trans. of Nuovo Cimento (Italy) 1962 [ser. 10] v. 23, no. 2, p. 433-439.

DESCRIPTORS: Chlorine compounds, *Quinones, Benzenes, *Amines, Molecular structure, Electrons, *Atomic orbitals, *Atomic energy levels, Spectrographic analysis, Resonance absorption, Spectra (Visible and ultraviolet).

The prime π electron levels of chloranil, p-phenylenediamine and their respectively negative and positive ions were evaluated by the semi-empirical LCAO, MO, SCF method.
(Physics--Molecular, TT, v. 10, no. 1)

62-18706

1. Title: Chloranil
2. Title: Phenylenediamine
1. Giacometti, G.
- II. Nordio, P. L.
- III. Rigatti, G.

Office of Technical Services

19
Possible Effect of Electric and Magnetic Fields on the
Velocity of Propagation and Coefficient of Absorp-
tion of Ultrasonics in Some Liquids, by A. Barone and
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266.

INSPEC-T-1494

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925.

TPA3/TIB T 3932, P22318T

WEur - Italy
Scientific - Physics

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Accurate Localization of A Transmission Maximum or Minimum According to the Wavelength - Application to the Preparation of Thin Layers. by P. Giacomo, P. Jacquinet.

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CHIRO/No. 7977

P. GIACOMO

Sci -
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Rapid Opening Envelope, by Giovanni Giacconi, 97

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ITALIAN, pat, Patent No 319,677.

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Sci-MEM

Jun 66

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The Use of Various Fuels in a Diesel Engine,
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DSIR 34560/CT

Sci - Fuels
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cants, by N. M. Gialko, A.I. Distsov. 8 pp.
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FTL-TT-65-1447

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(SF-1384/6)

Foreign Aid to Finance Development Planning, by
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1960. pp 9-11, 29-30, 16-17, 30. 49,

JPRS 10231

Asia - Indonesia

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Oct 61.

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1964, pp 3001-3004.
Dept of Navy/DMB 1287

Sci-MMM
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GIAMBELLI 365,975

G. Giambelli

Procedure for the Preparation of Dibasic Acids
From Naphthalene, Products Obtained and Their Uses,
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Adolfo Quilico, 8 p.

ITALIAN, patent, 552738, date deposited 15 May 56,
Date concession 11 Dec 56,

of

SLA 60-10090

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Gonadotropic Therapy in Hypophyso-Ovarian Genital Dysfunction. Clinical Experience with Human Anterior Pituitary-Like Gonadotropin, by L. Gianaroli, 10 pp.

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NIH Tr 4-56

Sci - Med

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RIS rpt 96954

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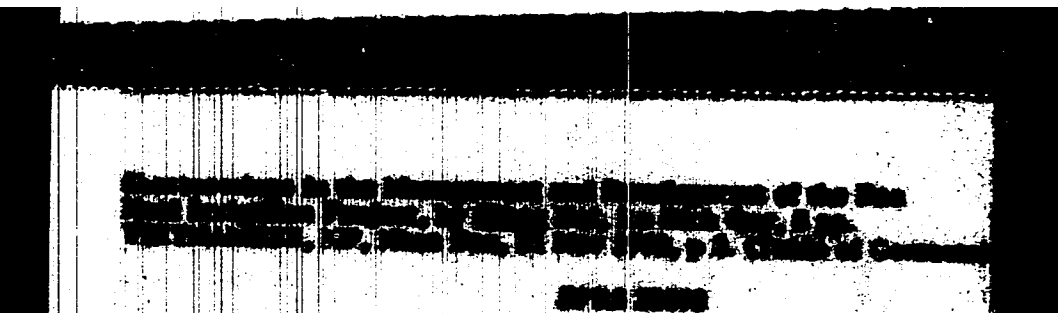
Jul 59

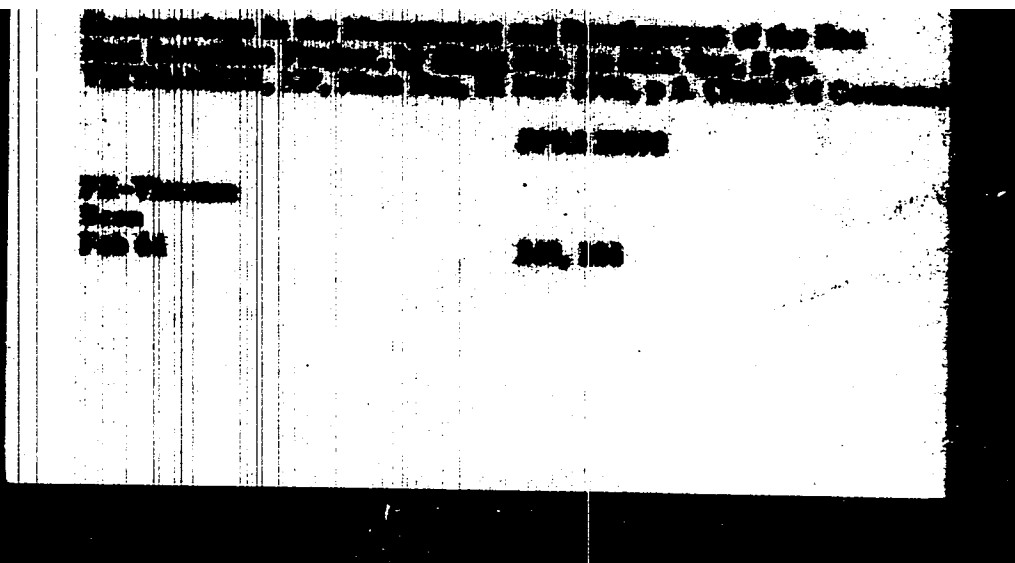
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Distribution of Residence Times in a Pump
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ITALIAN, per, la Chimica e l'Industria,
Vol 46, No 9, 1964, pp 1042-1048.
TC-1411

A. Gianetto

Sci-Mech Indus Civ Mar Engr
Nov 66 313,572





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6 PP.

VIETNAMESE, NP, NHAN DAN, 5 DEC 1968, P 2

JPRS 17457

FC - VIETNAM
ECON
FEB 63

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A Theoretical and Experimental Investigation of Plates
Reinforced by Ribs, by Elio Giangreco, 24 pp.

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NACA N-1873

Sci - Engineering

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Giannelis, 18 p.

ITALIAN, per, Accad Naz Lincei, [Classe di Scienze
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Ser 8, Vol XIV, No 6, pp 498-508.

SLA 59-20891

Sci
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Vol 3, No 1

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Investigations on the Distribution of Chlorpromazine
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Fluids, by G. Franchi, A. Gianni, 7 pp.

ITALIAN, pper, Arch Ital Sci Farmacol, Vol VI,
1950, pp 229-231.

SLA 58-274

Sci
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EXPERIMENTAL RESEARCH ON THE BEHAVIOR OF THE
COLLAGEN FIBRILS IN THE TEMPORO-MANDIBULAR JOINT
UNDER VARIOUS OPERATING LOADS, PROVIDED BY
ORTHODONTIC APPLIANCES, AND OBSERVED UNDER THE
ELECTRON MICROSCOPE, BY R. BACCIONI, E. GIANNI, 12 PP.

ITALIAN, PER, ARCH ITAL ANAT EMERIOLOG, VOL LXIV,
NO 2, 1959, PP 131-148.

MM 7-15-62

SCI - MED
OCT 62

213,061

GIANNI, Giuseppe

Periodical, L'Universo,
Vol XXIX, No 6, Nov/Dec
1949Official Italian
Cartography in the
Last Two CenturiesGeography-Cartography
Maps

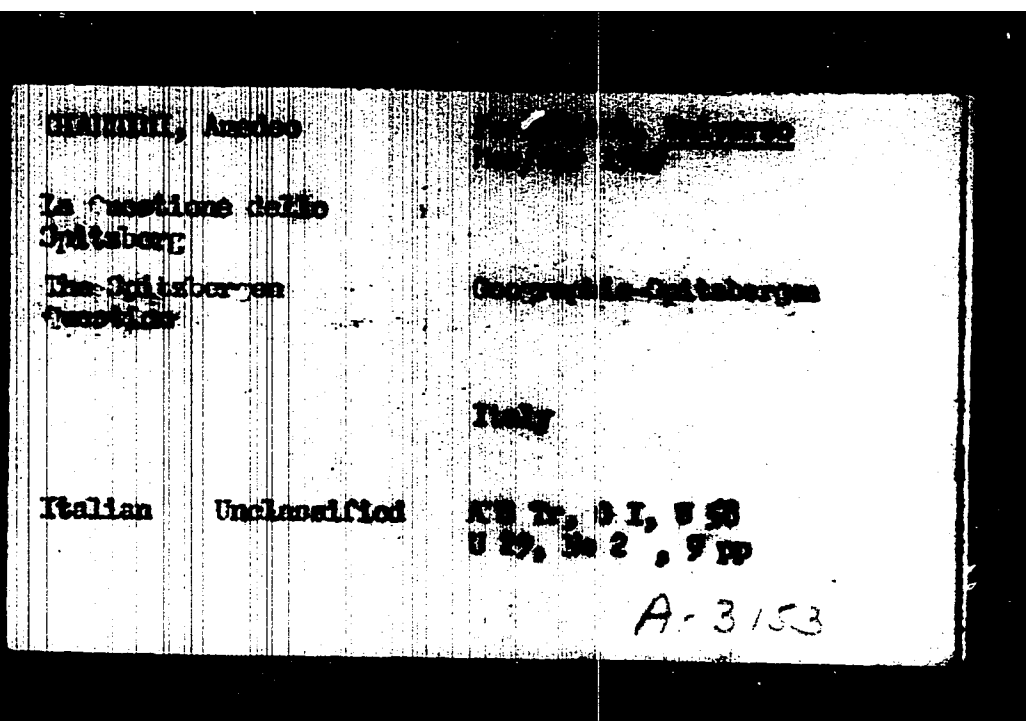
Italy

Italian

UNCLASSIFIED

AMS G 1 U 58 V. 29 No 6

Dec 1950 CTS



62-22485

Giannini, U. and Cesca, S.

VINYL CHLORIDE POLYMERS OBTAINED WITH
CATALYSTS PREPARED FROM ALUMINUM ALKYL
AND VANADIUM COMPOUNDS. Aug 62, 4100 words,
2+ refs.

Order from CTS(Chem) \$16.40 CTS(Chem)288
subsequent copies \$2.70/ea.

Trans. of [a] Chimica e [i'] Industria (Italy) 1962,
v. 44 [no. 5] p. 571-578.

DESCRIPTORS: *Polymers, *Vinyl chlorides, Acetates,
Catalysts, Metatorganic compounds, *Aluminum com-
pounds, *Vanadium compounds, Alkyl radicals,
Chlorides.

(Chemistry--Organic TT, v. 8, no. 7)

- I. Giannini, U.
- II. Cesca, S.
- III. CTS(Chem)-288
- IV. Chemical Translating
Service, Palo Alto, Calif.

ALSO TT-65-14481

Office of Technical Services

60-12942

I. Glanini, U. and Gesca, S.

VINYL CHLORIDE POLYMERS OBTAINED WITH
CATALYSTS PREPARED FROM ALUMINUM ALKYL
AND VANADIUM COMPOUNDS, tr. by Fischer. [1962]
24p.

Order from K-H \$30.00

K-H-12245b

Trans. of la Chimica e l'Industria (Italy) 1962, v. 44,
no. 4, p. 371-378.

Other translations are available from CTS(Chem)
\$16.40 (subsequent copies \$2.70/ca) as CTS(Chem)-288,
Aug 62, 4100 words; and from SLA \$2.60 as 62-18673
[1962] [26]p.

DESCRIPTORS: *Polyvinyl chloride, *Polymers, Cat-
alysts, Aluminum compounds, Alkyl radicals, Vana-
dium compounds.

(Materials--Plastics, 'T', v. 9, no 10)

I. Glanini, U.

II. Gesca, S.

III. K-H-12245-b

IV. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

Office of Technical Services

Giannini, U. and Cesca, S.

VINYL CHLORIDE POLYMERS OBTAINED WITH
CATALYSTS PREPARED FROM ALUMINUM ALKYL
AND VANADIUM COMPOUNDS. [1962] 20p. 21 refs.
Order from SLA \$1.60 62-18868

Trans. of [la] Chim[ica] e l'Industria [Italy] 1962,
v. 44 [no. 4] p. 371-378.

DESCRIPTORS: *Polyvinyl chloride, Polymerization.
*Catalysts, *Metalorganic compounds, *Aluminum
compounds, Alkyl radicals, *Vanadium compounds,
Acetyl radicals, Acetones, Esters, Reaction kinetics,
Polymers.

The polymerization of vinyl chloride in the presence of
catalysts prepared from aluminum alkyl compounds and
transition metal compounds is described. In particular,
the use of the catalyst based on $\text{AlCl}(\text{C}_2\text{H}_5)\text{OC}_2\text{H}_5$ and
(Materials--Plastics, TT, v. 9, no. 11) (over)

62-18868

I. Giannini, U.
II. Cesca, S.

Office of Technical Services

External Variations and Consequent Distribution
of Temperature in Large Concrete Structures, by
A. Giannone.

ITALIAN, per, Ind Ital Cemento, Vol XXXII, 1953,
pp 177-180.

ASLIB-GB114

Sci

Aug 59

95, 219

Corrosion of Hulls by Stray Currents Due to
Electric Welding, by A. Giannotti.

bk

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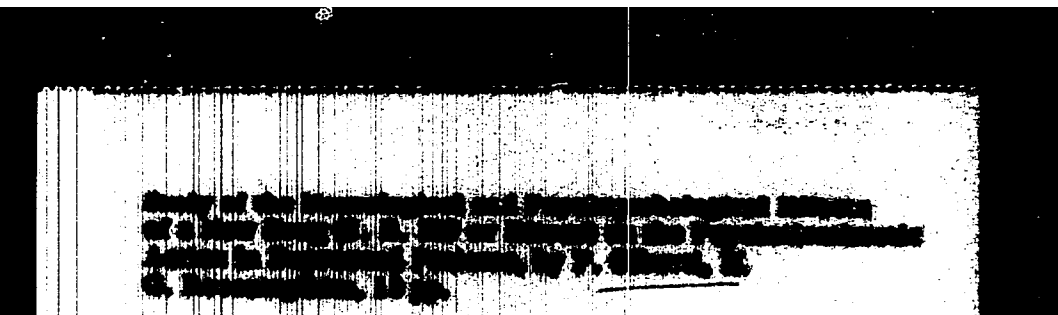
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