

TT-63-26780

Kasprzhak, G.M. and Slepshkin, E.I.
NUEVOS ESQUEMAS DE GENERADORES DE SOLDADURA Y SU APLICACION A LA SOLDADURA CON GASES INERTES (Novye Skhemy Svarochnykh Generatorov i ikh Primenenie dlya Svarki v Sashchitnykh Gazakh) (New Welding Generator Diagrams and their Application to Inert-Gas Welding). 21p. 4refs.
CID:63-380.

Order from OTS, ETC or CID \$4.60 TT-63-26780

Trans. in Spanish of Avtomaticheskaya Svarka (USSR) 1957, v.10, no.3, p.97-104.
Trans. in English available from LC or SLA mi\$2.40 ph\$3.30 as 60-13432, Dec 59, 16p.

DESCRIPTORS: *Welding. Controlled atmospheres.

- I. Kasprzhak, G.M.
- II. Slepshkin, E.I.
- III. CID 63-380
- IV. Centro de Información y Documentación, Madrid

(Metallurgy, TT, v. 11, no. 11)

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European Translations Centre

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Order from SLA m\$1.80, ph\$1.80 60-18695

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Order from SLA \$1.60 61-16796

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DESCRIPTORS: *Rayon fibers, Microstructure, X-ray diffraction analysis, *Cellulose, Surface properties, Fibers, Synthetic fibers.

An examination of the fine structure of viscose rayon fibers under the electron microscope showed at the surface of the fiber, an extremely fine membrane or "cuticle", the submicroscopic structural characteristics of which were established in a sufficiently accurate manner to permit a valid interpretation of the modifications of the surface and of the behavior of the fiber during the various physical and chemical treatments either during or after spinning. (Author) (See also 60-18410)
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Trans. of #Fiziologicheski Zhurnal SSSR, 1961, v. 47
[no. 3] p. 301-309.

DESCRIPTORS: *Hemato-encephalic barrier, *Nervous
system, Permeability, Injuries, *Blood, Body fluids,
*Pathology, Physiology.

The hemato-encephalic barrier (heb) fulfills homeo-
static (adaptive, regulatory) functions, directed to-
wards the maintenance of stability within the central
nervous system (CNS), especially towards safeguard-
ing the equilibrium among the ever-changing needs of
the elements within the brain and spinal cord. The
heb is the only physiological mechanism which sep-
(Biological Sciences--Physiology, TT, v. 8, no. 9)
(over)

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I. Kassil, G.

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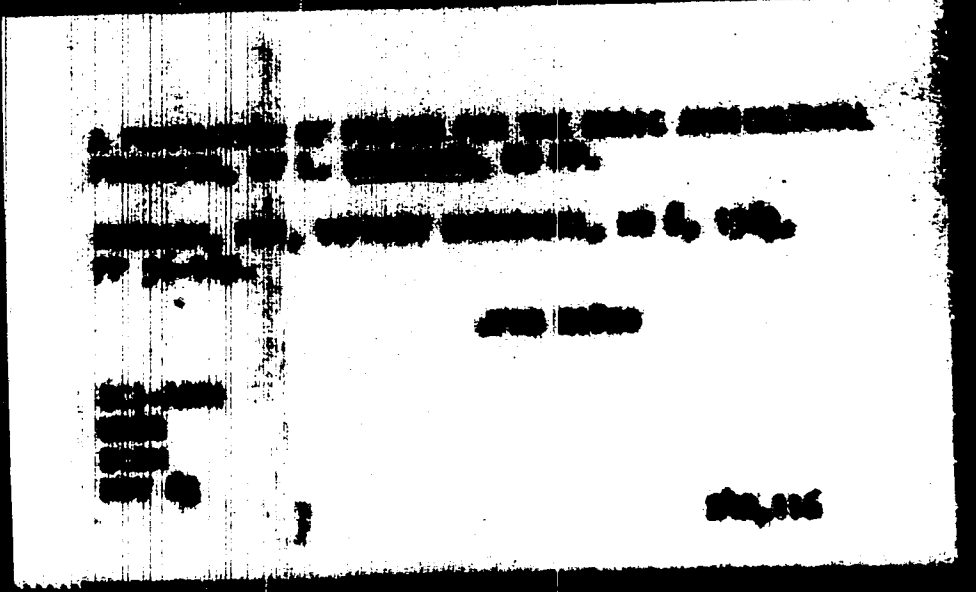
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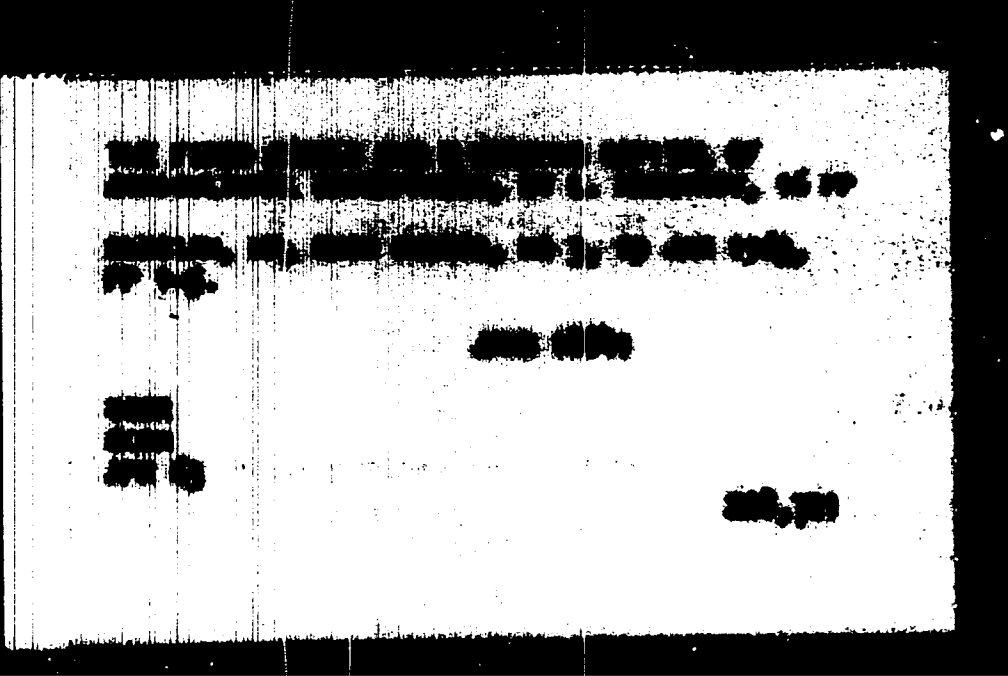
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Removal of ...
by the ...
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Robert Kessler

Col - Eng
May 67

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The Determination and Evaluation of Profits in
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A UNIVERSALLY USEFUL MICRO-SCALE FOR RE-
SEARCH. [1963] 12p 7refs
Order from SLA \$1.60

TT-64-10406

Trans. of Chemische Rundschau (Switzerland) 1959
[v. 12] no. 18, p. 491-493. (Abstract available)

DESCRIPTORS: *Balances, Microanalysis, Weight,
Electronic equipment, Design, Operation, *Measuring
devices (Electrical and Electronic)

An electronic micro-scale which can register changes
in weight up to 10 mg is presented. The time response
is extremely rapid, which is a result of the inherent
electronic damping. The maximum loading per scale is
one gram. The system is purposely based on a two-arm
symmetrical design in order to eliminate buoyancy dif-
ferences which are inherent in a one-arm system. This
(Research Methods, Techniques and Equipment, TT,
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I. Kassner, B.

1070059

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Production Planning by Computer for Second-Heat
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H. K. Henk.

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G. S. Kuz'min, D. S. Kasov, 7 pp.

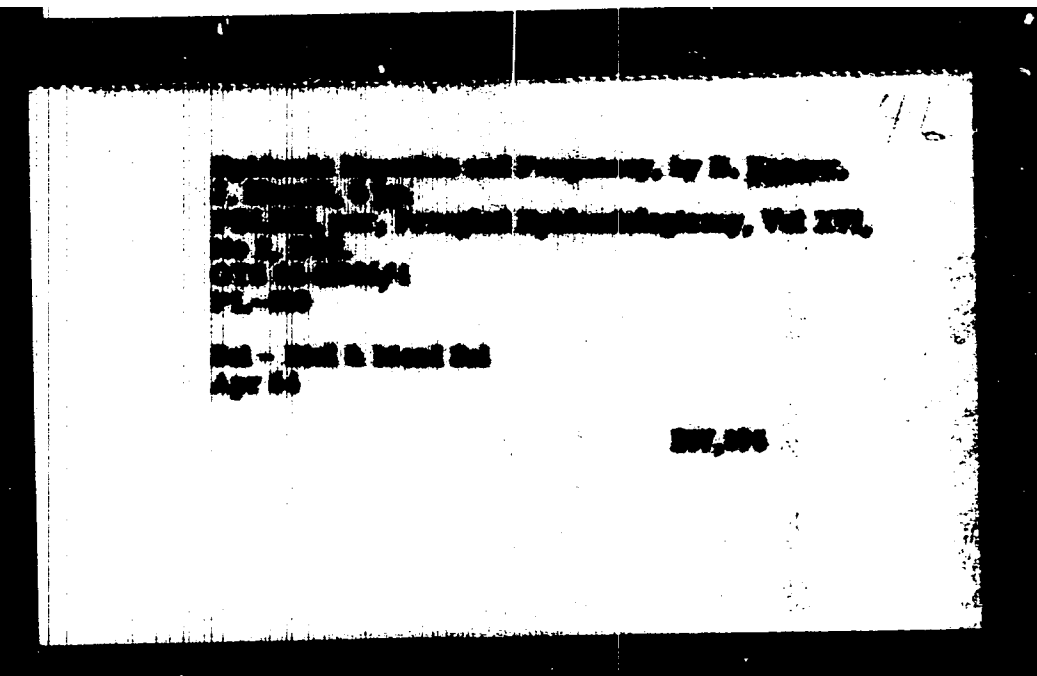
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British Welding Res Assoc

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KASH, Prof. H.
KERMANI, Dr. Ernest J.

The Institute in Geneva
on 22 June 1952 and the
Dept. of the Interior
Institute of Industrial
Chemistry

Scientific-Industrial, Chem
Scientific-Chemistry

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Geneva

Dec 1950 OTS

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14 pp.
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DISC 4527

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Fibers, by W. East, 23 pp. UNCLASSIFIED

Full translation.

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**The Significance of Nucleating and Non-Stationary
Heat Transfer in Heat Exchange During Bubble
Vaporization and Droplet Condensation, by W. Kast.
GERMAN, pub, Chem Eng Tech, Vol XXXVI, No 9,
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*NASA TT F-9430**

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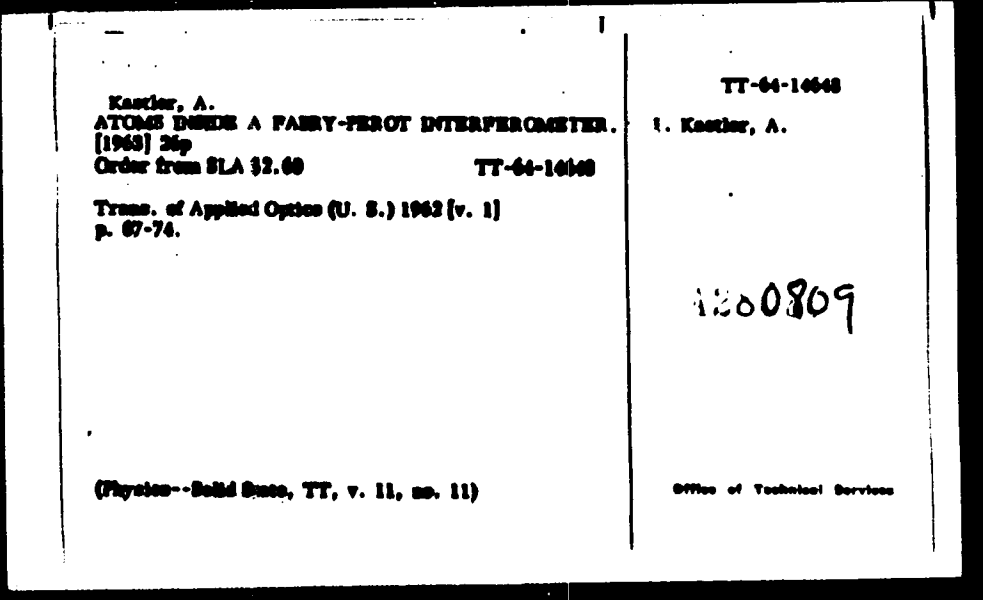
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