

61-10872

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ON THE MECHANISM OF INCLUSION OF THE
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 2. Kidneys--Pathology
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activity and brings about a reduction in arterial pres-
sure. The hypotensive action of Ismelin is due mainly
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heart and vessels, manifested by deceleration of the
heart rate and reduction of the venous pressure, and
reduction of peripheral resistance. The hypotensive
action of Ismelin is equal to or better than that of
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(over)

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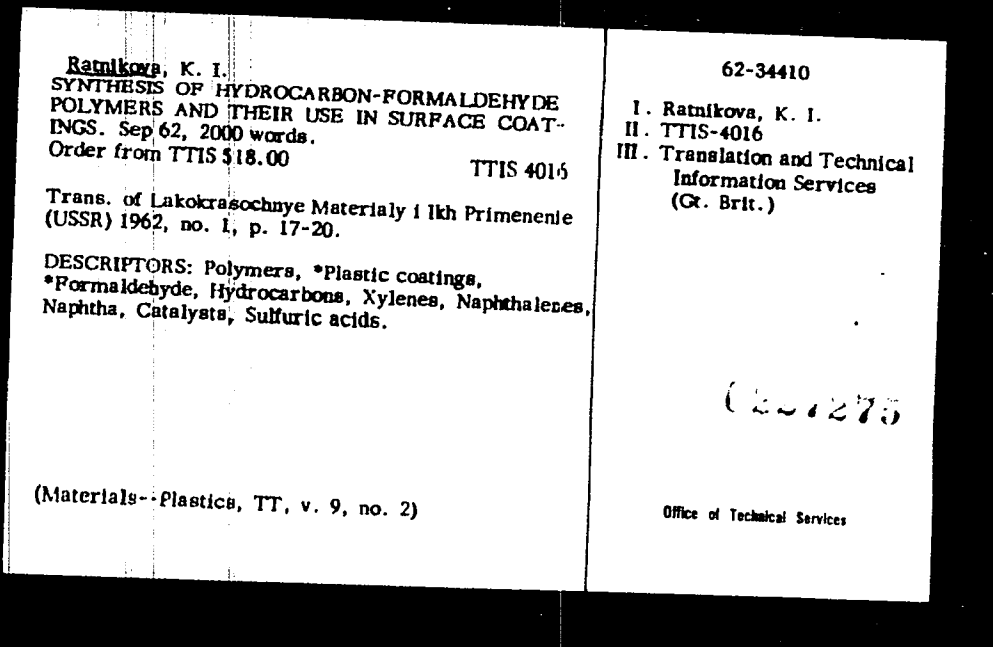
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DESCRIPTORS: *Cattle, *Brucellosis, Hemagglutinins,
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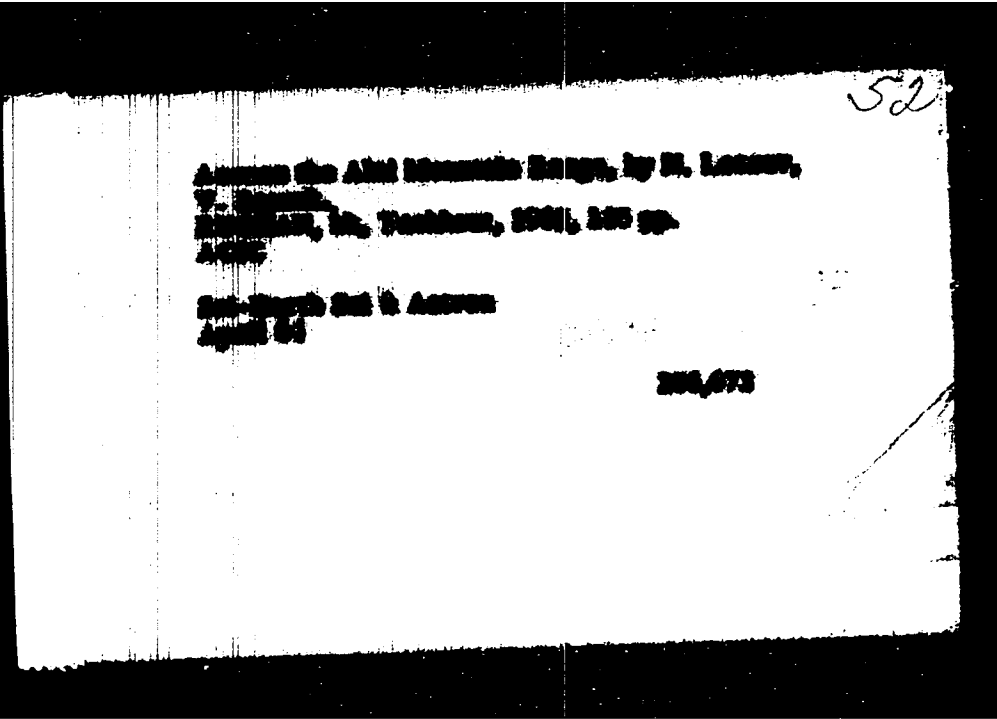
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FRENCH, pol, Remarques Africaines.

CIA JPRS CSO: NY-13687

J-1875/67

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JPRS 40503

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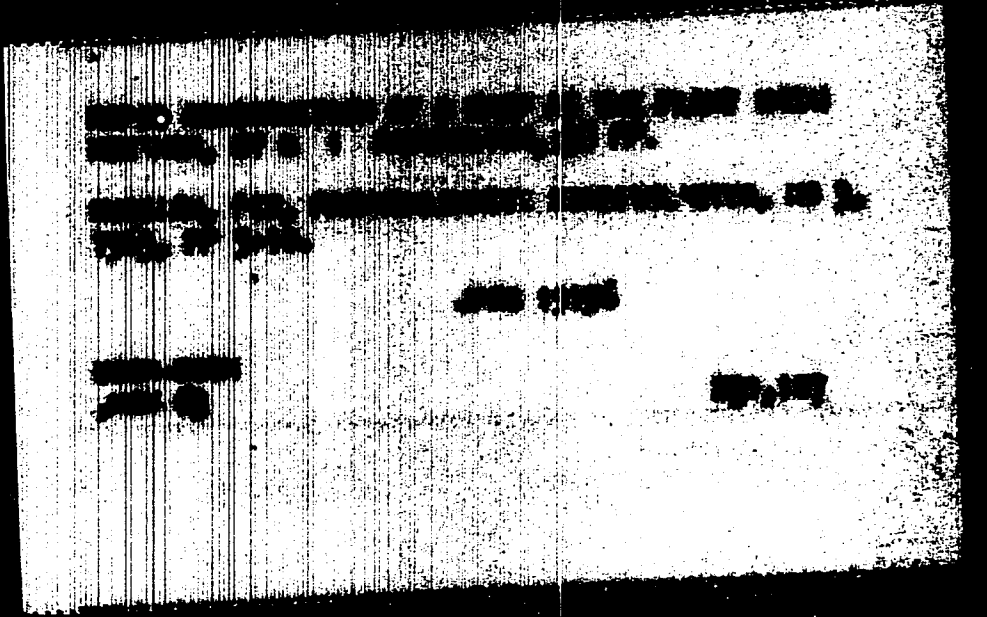
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Order from K-H \$14.00 K-H 11096

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DESCRIPTORS: *Distillation, *Towers (Chemistry),
Distilling plants.

(Engineering--Chemical, TT, v. 10, no. 10)

63-22474

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A New D. F. Antenna for the Long, Medium
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11 pp.
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Revolving Adcock Direction Finder PBT 467 and 589,
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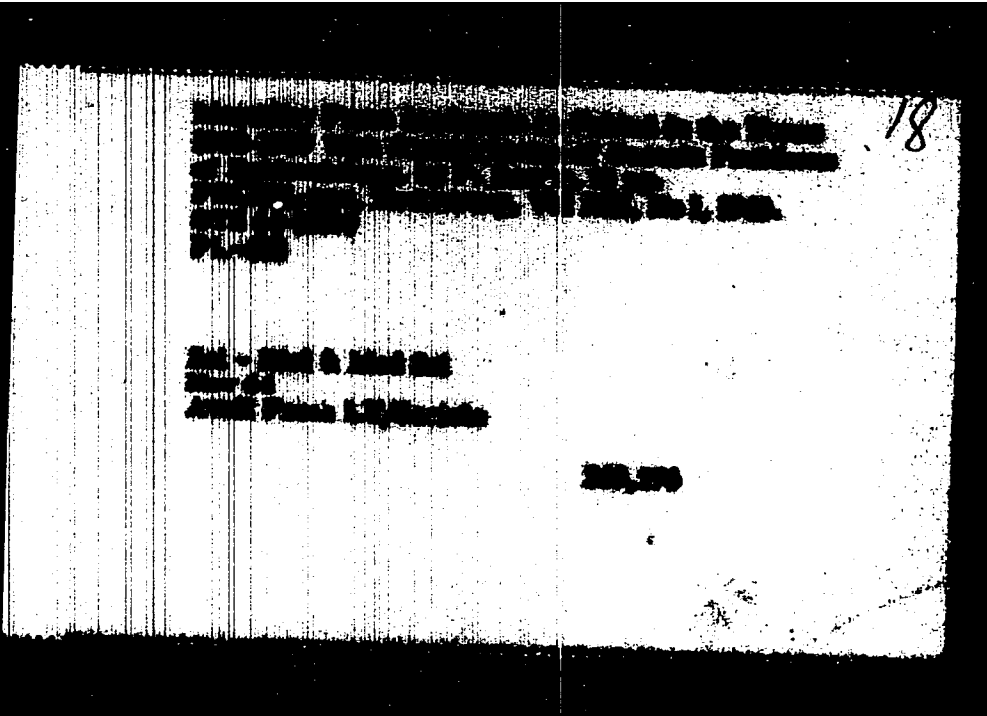
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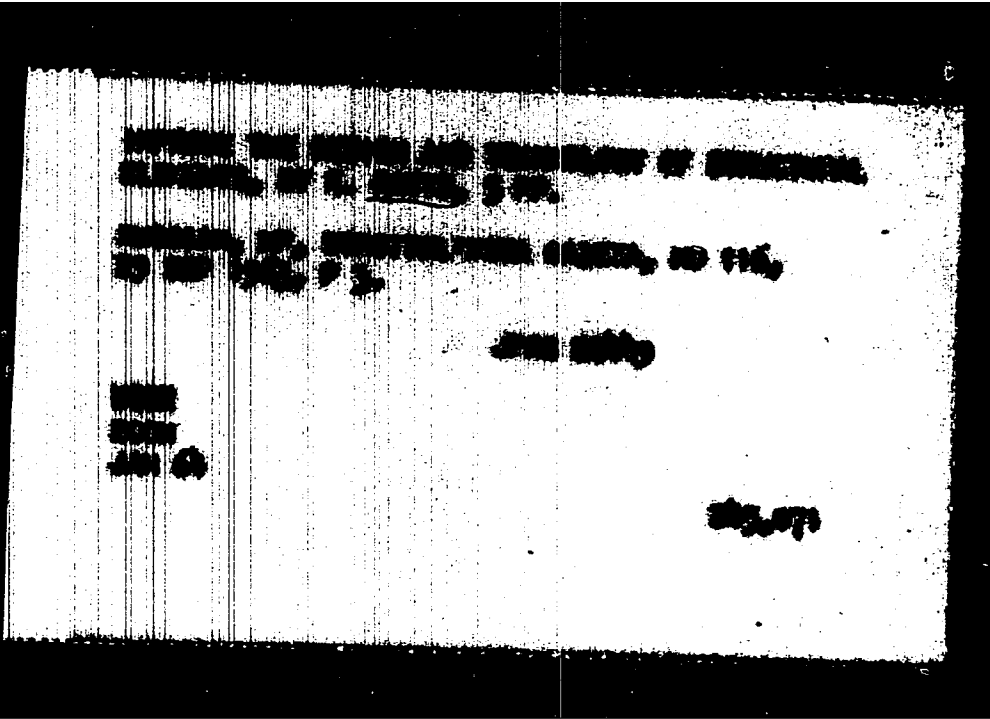
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<p>Rattner, S. R. ON THE LAW OF STATIC FRICTION [O Zakone Staticheskogo Treniya]. [1961] [6]p. 9 refs. TL 950; [DSIR LLU] M 2105. Order from OTS or SLA \$1.10</p> <p>Trans. of [Akademiya Nauk SSSR. Doklady] 1952, v. 23, no. 3, p. 443-[446]. Other translations are available from LC or SLA mi\$1.80, ph\$1.80 as 59-15157 [1959] 6p. and from OTS \$0.50 as 60-41443, JPRS-4064, 23 Sep 60, 6p.</p> <p>DESCRIPTORS: *Friction, Theory</p> <p>For abstract see Technical Translations 2: 361, 1959 or 4: 635, 1960.</p> <p>(Mechanics--Statics, TT, v. 6, no. 4)</p>	<p>61-13588</p> <p>I. Rattner, S. R. II. Trans-T/L-950 III. DSIR LLU M. 2105</p> <p>Office of Technical Services</p>
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61-13685

Ratner, S. B.
ON THE RATE OF WEAR OF RUBBER AND ITS
RELATION TO COEFFICIENT OF FRICTION [O
Pokazatele Istiraniya Reziy i Yego Soyazi e Koeffir-
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1. Rubber--Friction
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- I. Ratner, S. B.
 - II. DSIR LLU M. 2190

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

Transmission of Stress to Concrete by the
Steel in Prestressed Members, by E. G. Ratts,
M. M. Kholmyanskiy, V. M. Kol'nev, 28 pp.

RUSSIAN, per, Beton i Zhelezobeton, No 1,
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SLA 60-15378

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Comparative Effect of Certain Antibiotics Upon
Ornithosis Virus in Animal Experiments, by V. M.
Ym Bolotovskiy, L. S. Ratushkina, 3 pp.

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1959, pp 710-713.

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Titrimetric Determination of Hydrogen Ion
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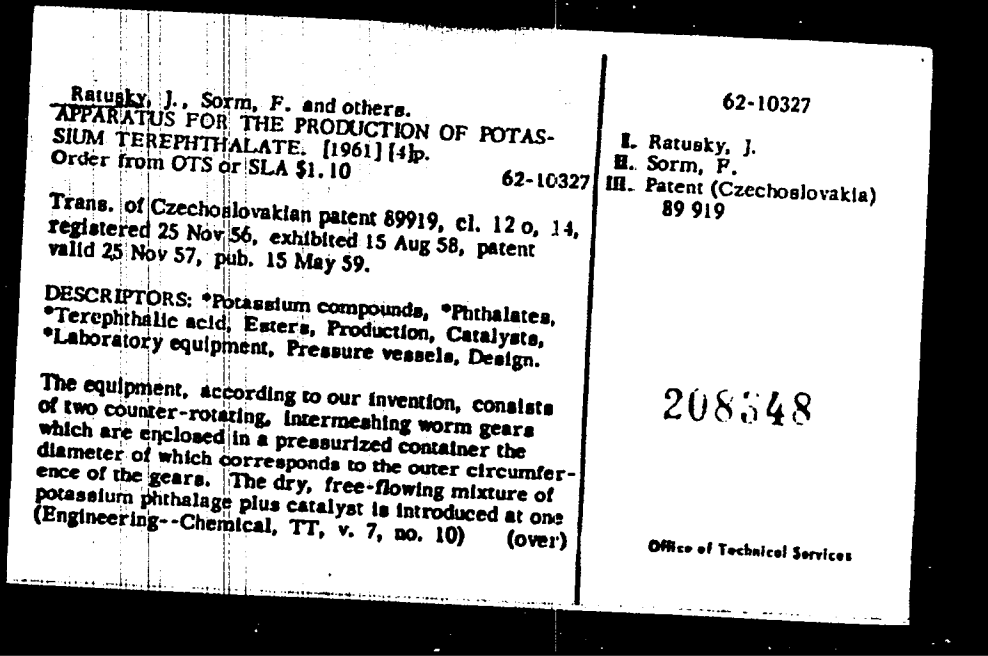
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Oct 63

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Ratusky, J., Sorm, F. and others.
APPARATUS FOR THE PRODUCTION OF POTASSIUM TEREPHTHALATE. [1961] [4]p.
Order from OTS or SLA \$1.10

62-10327

Trans. of Czechoslovakian patent 89919, cl. 12 o, 14, registered 25 Nov 56, exhibited 15 Aug 58, patent valid 25 Nov 57, pub. 15 May 59.

DESCRIPTORS: *Potassium compounds, *Phthalates, *Terephthalic acid, Esters, Production, Catalysts, *Laboratory equipment, Pressure vessels, Design.

The equipment, according to our invention, consists of two counter-rotating, intermeshing worm gears which are enclosed in a pressurized container the diameter of which corresponds to the outer circumference of the gears. The dry, free-flowing mixture of potassium phthalate plus catalyst is introduced at one (Engineering--Chemical, TT, v. 7, no. 10) (over)

62-10327

I. Ratusky, J.
II. Sorm, F.
III. Patent (Czechoslovakia)
89 919

208548

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Ratusky, Josef and Novosad, Jan.
A METHOD FOR THE PRODUCTION OF NORMAL
ALKALINE SALTS OF ISOMERIC PHTHALIC ACIDS.
[1961] 5p.
Order from OTS or SLA \$1. 10

61-18610

Trans. of Czechoslovakian patent 95337, appl. 3 Sep 58
(PV 4498-58) valid from 3 Sep 58, issued 15 Nov 59,
pub. 15 Apr 60.

DESCRIPTORS: *Salts, Production, *Phthalic acids,
Isomers, Chemical reactions.

A method is given for the production of normal alkaline
salts of isomeric phthalic acids from the free acids,
characterized by the fact that the isomeric phthalic
acids are heated at a temperature of 250-370°C with
normal alkaline or acid alkaline salts of phthalic acid
at atmospheric or sub-atmospheric pressure, the re-
(Chemistry--Organic, TT, v. 6, no. 9) (over)

61-18610

I. Ratusky, J.
II. Novosad, J.
III. Patent (Czechoslovakia)
95 337

Office of Technical Services

sulting phthalic anhydride and reaction water being con-
tinuously distilled out of the reaction mixture.

PB-

61-18610

Ratusky, Josef and Novosad, Jan.
A NEW METHOD AND APPARATUS FOR PRODUCING
ESTERS OF ISOMERIC PHTHALIC ACIDS. [1961]
[7]p.

Order from OTS or SLA \$1.10

61-18612

Trans. of Czechoslovakian patent 93557, appl.

9 Aug 58 (PV 4157-58) patent valid from 9 Aug 58, pub.

15 Jan 60, issued 15 Apr 59.

DESCRIPTORS: *Phthalic acids. *Isomers, Esterification.
*Esters, Production, Pressure vessels, Design.

A method is described for preparing esters of isomeric
phthalic acids, in which a mixture of acid, alcohol, and
a catalyst is mixed while being heated at a temperature
of 200 to 335°C. The method is characterized by the
fact that alkaline salts of these acids are used as the
catalyst, counter-flow esterification of the alcohol
(Chemistry: Organic, TT, v. 6, no. 9)

(over)

61-18612

- I. Ratusky, J.
- II. Novosad, J.
- III. Patent (Czechoslovakia)
93 557

Office of Technical Services