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Means of Increasing Alcohol Production, by I. N.  
Grinshtein.

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Hydrolysis of cellulose containing materials with small quantities of concentrated sulfuric acid.

(Gidroliz tselliulozosoderzhashchikh materialov nebel'shimi kolichestvami sernoi kisoty.) Gidroliz-  
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3-6. In Russian.

\* PST. 177

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COMPOSITION AND UTILIZATION OF TARS FROM  
THE PYROLYSIS AND GASIFICATION OF WOOD.--  
[1962] 11p.

Order from K-H \$13.75

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DESCRIPTORS: \*Wood, Pyrolysis, Coal tars.

(Engineering--Chemical, TT, v. 9, no. 1)

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1957, p 8-10.

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RUSSIAN, per, *Gidroliz i Lesokhim Prom*, Vol X, No 1,  
1957, pp 27, 28.

ATS RJ-1293

Sci - Chem  
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V. A. Sulgin.

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Higher Learning on the Chemistry of Furan  
Compounds, by G. Z. Yakovenko, 3 pp.

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THEORETICAL STUDY OF THE PROBLEM OF OBTAINING CHIPS (SHAVINGS) ON A DRUM CHIPPER (CHIPPING MACHINE). [1962] 11p. (2 figs. 6 tables omitted).

Order from OTS or SLA \$1.60

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Trans. of Gidrollnaya. i Lesokhimičeskaya Promyšlennost' (USSR) 1960, v. 13, no. 3, p. 6-9.

DESCRIPTORS: \*Chipping hammers, \*Ball mills, \*Wood pulp, \*Machine tools, Quality control, \*Electric machinery, \*Wood pulp machines.

(Machinery, Fabrications and Accessory Equipment, TT, v. 9, no. 1)

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I. Litzman, E. P.

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Hydrolysis of Cellulose With Small Quantities of  
Concentrated Sulphuric Acid, by P. N. Odintsov,  
I. I. Beinart, N. F. Murashchenko, 9 pp.

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AEC NP Tr-855

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Scientific-Technical Conference of Working in  
Tree Tapping Production, 7 pp.

ISSUED, per, Gidrol i Lesolhin Prom, No 1.  
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JPRS 11337

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HOSSNAG, for, Gidrol i Lesolnim Proca, No 4,  
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JPRS 11337

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A new Method for Complex & Chemical Treatment of Plant  
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Plotnikov, A. Ya.  
RECOVERY OF TALLOIL BY THE FLOTATION  
METHOD. 7 Nov 62, 6p. (figs. omitted) 3 refs.  
Order from OTS or SLA \$1.10 62-20416

Trans. of Gidroliz[naya] i Lesokhim[icheskaya]  
Prom[yshlennost'] (USSR) 1962, v. 15, no. 1, p. 7-9.

DESCRIPTORS: \*Resins, Recovery, \*Black liquor,  
\*Flotation (Separation), Material separation, Air, Con-  
sumption, Fatty acids.

Talloil can be obtained directly from black liquor when the black liquor from sulfate-pulp manufacture is subjected to flotation by air saturated with vapors of mineral acids. Various substances acidified during the process are not surface-active, and are not extractable from the black liquor by this method. The degree of flotation considerably depends on the temperature of the black liquor, and at small concentrations of talloil in the (Chemistry--Physical, TT, v. 9, no. 11) (over)

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I. Plotnikov, A. Ya.

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RUSSIAN, per, Gidroliznaya i Lesokhimicheskaya  
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NTC-71-14946-07C

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NTC-71-15071-11L

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Reznikov, V. M., Khol'kin, Yu. I., and Morozova,  
V. I.  
CHROMATOGRAPHIC ANALYSIS OF FURFUROLE.  
10p.  
Order from OTS or ETC \$0.80

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Trans. of Gidroliznaya i Lesokhimicheskaya Promysh-  
lennost'(USSR) 1962, v. 15, no. 6, p. 19-22.

DESCRIPTORS: \*Furfuryl alcohols, \*Chromatographic  
analysis, Water, Turpentine, Mixtures.

(Chemistry--Organic, TT, v. 10, no. 10)

I. Reznikov, V. M.  
II. Khol'kin, Yu. I.  
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JPRS 19967

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NLL Ref: RTS 3334

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Study of the Composition of Terpenic  
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R. I. Sidorov, 6 pp.  
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pp 14-15, 1963  
CFSTI TT 68-50413

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XVI, No 6, 1963, pp 5-7.  
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Agency: FDA/EMERGENCY PREP PHS  
P.O.No. FD/CN-476-73 (BP)

R-15820-D  
18 Dec. 72

Title: Method for Heat & Hydrodynamic Calculations for  
Plate Type Heat Exchangers

Author: L.M.Kovalenko

Source: Gidrobiologiya i Lesokhimiicheskaya Promyshlennost'  
#1, 1964

Language: Russian

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Instructions: Paste-up, type single space.

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14 pp.

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Call No GB 1308, K2 B52.

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OTS 643-11089  
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Vol IV, pp 47-48; Vol V, pp 46-50; Vol VI, pp 55-60;  
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I. Rogov, M. M.  
II. Geological Survey,  
Denver, Colo.

Trans. of mono. Gidrologiya Del'ty Amu-Dar'ya,  
Leningrad, 1957, p. 25-30, 62-78, 119-131, 183-195,  
231-238.

DESCRIPTORS: \*Deltas, \*Hydrology, \*Inland water-  
ways, Geography, Geology, Sedimentation.

Contents:

Table of contents of the whole book

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Severnoy Dviny, Moscow, 1964, pp. 1965  
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\*PL-480  
OTS 63-11064  
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