

01-10408

Автор: Л. Л. Левин, Ya. S. and Kravich, I. G.
 INVESTIGATION ON KINETICS AND MECHANISM
 OF THE VAPOR PHASE OXIDATION OF AROMATIC
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 THE THERMAL OXIDATION OF BENZENE BY
 MOLECULAR OXYGEN [Issledovaniya v Oblas-
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 Molekulyarnym Kislorodom] [1960] 7p. 1 refs.
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Trans. of Zhurnal Fizicheskoy Khimii (USSR)
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The thermal oxidation of benzene by a mixture of
 oxygen and water vapor has been investigated. It has
 been shown that the latter exerts a specific effect on
 the course of the reaction, consisting in an increase
 in yield of phenol. A mechanism has been proposed
 for the action of water vapor which has been confirmed
 (Chemistry Physical, TT, v. 5, no. 7) (over)

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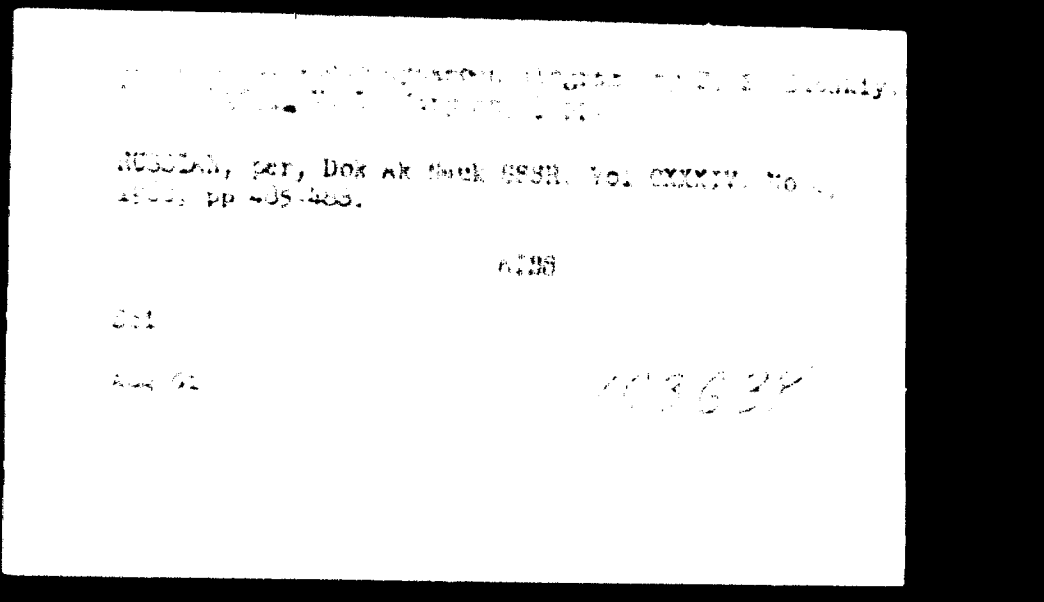
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