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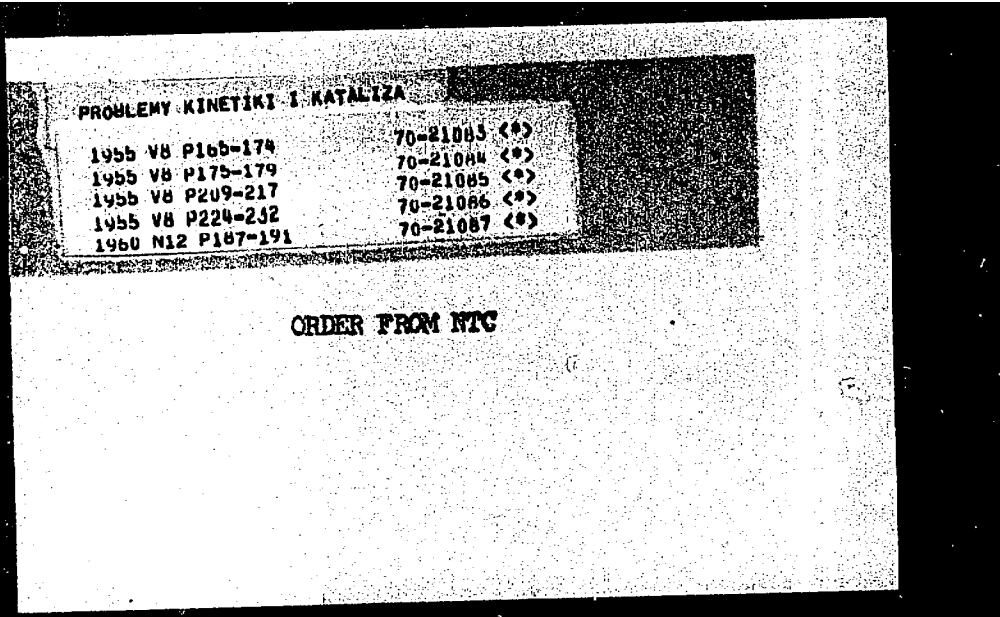
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v. 9, p. 45-60. (Abstract available)

DESCRIPTORS: \*Butadienes, Synthesis (Chemistry),  
\*Butanes, \*Butenes, \*Dehydrogenation, Hydrogenation,  
Reaction kinetics, \*Labeled substances,

Under conditions of B. B. mixtures dehydrogenation the  
formation of butadiene occurs on the account of dehydro-  
genation of butylene; butane is practically not directly  
converted to butadiene. In other words, butylene is the  
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