

# Bag 3042 - Target No. 30/4.02 Leuna

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reel 020 begins with item 153

## (J) Fischer-Tropsch

150. Progress report from Franz Fischer's laboratory from April 1941 to March 1942.
151. Experiments on hydrocarbon synthesis at Leuna.
152. Hydrocarbon synthesis from mixtures of carbon monoxide and hydrogen, 11a.
153. do. do. 11b.
154. M. W. Kellogg report on Fischer-Tropsch 13a.
155. do. do. 13b.
156. Conversion with Kuhlmann catalyst. - (a) *Pure cobalt catalyst*
157. C9 conversion experiments under pressure.

## (K) Catalyst Preparation and Properties

158. Report on the absorption of gases on catalyst carriers and a hydrogenation catalyst
159. Report on the catalytic preparation of butadiene from 1,4-butyleneglycol.
160. Patent application on the preparation of phosphoric acid catalysts.
161. Patent application on the manufacture of shaped catalysts.
162. Patent application on the regeneration of catalyst with oxygen containing gases.
163. Meeting Report. Exchange of experiences with the manufacture of alumina catalysts.
164. Patent application on the preparation of surface active material suitable as catalysts.
165. Report on the effect of additives on the ammonia catalyst with respect to active centers.
166. Patent application on the manufacture of highly porous masses from silica gel and/or magnesium oxide.

## (L) Patent Applications on the Manufacture of Aviation Gasoline.

167. Aviation gasoline by catalytic dehydrog. of alcohols.
168. Aviation gasoline high in aromatics by catalytic treatment of high boiling aromatic material.

(M) Chemical Engineering Data and  
Control Apparatus.

169. Report on investigations on the efficiency of stirrers.

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