

BAG      TARGET

INDEX - MICROFILM - REEL - 21  
(Orig. Ident. Reel 21A)

- 3042
- 170. Pressure Control for Highly Viscous Solutions
  - 171. Patent Applications on a Combination Electro-Hydraulic Control Valve
  - 172. Pressure and Volume Indicator
  - 173. Compressibility of Industrial Gases
  - 174. Report on Meeting on Technical Thermodynamics and Heat Problems
  - 175. Investigation of a Column with Steatite Plates
  - 176. Experiences with Flat-Bubble Caps
  - 177. Report on Effect of Direction of Flow and the Separation of Liquid on Distillation Column Plates
  - 178. Reports on Experiments with a Novel Flow Meter
  - 179. Development of a Plate for High Flow Rates
  - 180. Calculations for the Design of Hollow Cylinders for High Internal Pressure at High Temperature
  - 181. Patent Application on a Valve for the Control of Solids
  - 182. Report on Tests to Increase throughput of a Distillation Column

30/4.02 - I.G. Farbenindustrie - Leuna

(A) H.F. Process

- 1. Description of Moosbierbaum H.F. Plant
- 2. Possibility of Using 5058 Total Benzene from Brown Coal as a Feed for the H.F. Process
- 3. Progress Reports on H.F. Experimental Work, December 1939 to February 1943 - 16 reports

(B) Toluene from DHD Gasoline

- 4. Fitting Toluene Distillation into Leuna Hydrogenation Operations
- 5. DHD Plant at Leuna as an Emergency Plant for 30,000 tons/year of Toluene
- 6. 30,000 tons/year of Toluene by Double DHD at Leuna
- 7. Memorandum on Toluene Recovery
- 8. Comparison of Toluene Production by Double DHD and by Extraction
- 9. Calculations for both Methods of Toluene Production Double DHD and Extraction
- 10. Conference on Toluene Production
- 11. Toluene Production by Extraction or Double DHD
- 12. Design Basis for Toluene Project
- 13. Report on Toluene Conferences
- 14. Report on Visit to Leverkusen
- 15. Recovery of Toluene from DHD Gasoline

R E S T R I C T E D

Technical Oil Mission  
Indexes - Reel 21 and Reel 22

Page 9

BAG

TARGET

(C) Miscellaneous

16. Investigation of Organic Lead-Iron Carbonyls as Anti-Knock Agents
17. Operating Experiments for Batch Hydrogenation of Adipic Acid Dinitril to Hexamethylene-Diamine
18. Conversion of Chlorhydrins to Oxides and Carbonyls
19. Report on Hydrocarbon Synthesis Experiments
20. Investigation of the Economics of Manufacture of Paraffins from Low Temperature Brown Coal Tar
- 21-30. Reports on Sulphonated Paraffins and Derivatives