

REEL NO. 4

This roll 4 - contains the
following -

3452 - 30/5.01

Items - 34 to 42 inclusive

3454 - 30/5.01

Items 1 to 36 inclusive

3451 - 30/5.01

Items 1 to (12) - MAP - D.V. A-29
inclusive

INDEX TO DOCUMENTS

Bag No. 3452
CICS TARGET No. 30/6.01
Ruhchemie A.G.
Sterkrade-Holten.

Continued from reel 035

- 34. Spanish Project.
- 35. Natural gas as raw material for synthesis.
- 36. Residual gas analysis.
- 37. Fechiney Project.
- 38. Polymerisation Catalyst.
- 39. Synthesis from CO from Electro-Iron-Furnace.
- 40. Finnish Project.
- 41. Fatty Acid Production.
- 42. Determination of asphalt in old Lub. oil.

Bag N° 3454

CLOS Target N°

3015.01

Ruhrchemie A.G.

Sterkrade-Höfen

Bag No. 3454
C.I.O.S. Target No. 30/5.01
Ruhchemie A.G.
Sterkrade - Holten

3454 - 30/5.01

1. Refining Loss on Treatment with Bleaching Earth and Sulphuric Acid.
2. Polymer Petrol
3. Vapour Pressures at 20°C. of Engler Fractions of Medium Pressure synthesis Product (cobalt)
4. 100,000 tonnes a year Plant
5. Data for converting primary product to Lubricating oil and Polymer Petrol
6. Various methods of carrying out the Synthesis
7. Conversion of normal Pressure Ovens for use with iron catalysts
8. Gas Producers for Vehicles
9. The Catalyst Plant
10. Calculation of Yields from Gas Analyses
11. Costs of preparing Iron Catalysts.
12. Liquid Phase Synthesis
13. Spraying the Catalyst with oil
14. Cobalt Catalyst - Recirculation
15. Monthly Reports on the Pressure Plant 1940
16. The Krupp side tube oven
17. Miscellaneous Papers on Iron Catalyst Synthesis
18. The Sulphur Recovery Plant
19. Engineering drawing of the Reaction Oven
20. Modifications of the Text of a number of Patents for use outside Germany
21. I.C. Oxo Patents
22. Lubricants for Wire Drawing (Patent)
23. Process for Nitrating Toluene
24. Determining the quality of mineral oil
25. Dehydrogenation of High Molecular Hydrocarbons
26. Preparing Mono- & Di- nitro Naphthenes
27. Olefine Hydrocarbons by catalytic Hydrogenation of carbon monoxide
28. Lub. oil synthesis process of Standard-Kuhlmann (a minute)
29. Distillation plant for preparation of C7 for toluene manufacture (a minute)
30. Preparation of Lub. oils from Fe cat. product (general scheme)
31. Aero fuels by polymerisation of C₄ and C₅
32. Lub. oil plant (a brief minute)
33. Reports on synthesis of Lub. oils from Co. recirculation product
34. Specifications and Motor tests of Lub. oils (Minutes-
c+ reports in 340-30/5.01)
35. Synthetic Lub. oils - miscellaneous
36. Miscellaneous Ruhrchemie Patents (selected from 571-670)

Bag No 3451

C.I.O.S Target No

30/5 01

Ruhrchemie A.G

Sterkrade-Holten

Bag No. 3451
C.I.O.S. Target 30/5.01
Ruhchemie A.G.
Sterkrade - Hclten

3451 - 30/5.01

1. Synthesis with Cobalt Catalyst.
2. Synthesis with Iron Catalyst
3. Production of Olefine - Rich Products (Patent)
4. Combination of Synthesis and Town's Gas Production
5. Fatty Acids from Iron Catalyst Synthesis Products
6. Synthetic Paraffin Wax (General)
7. Properties of Paraffin Gatsch for Fatty Acid Synthesis
8. List of Synthesis Patents 1944
9. Iron Catalyst Synthesis with Water Gas Recirculation
10. Cobalt Catalyst Synthesis Reports - Medium Pressure
11. Medium Pressure Synthesis - Recirculation of Synthesis Gas
12. Medium Pressure Synthesis without recirculation Water Gas
13. Medium Pressure Synthesis (General)

Continued on Reel 037