

INDEX - MICROFILM REEL 180
(Original designation Navy 5868-5)

Part 20.

5133-5834

NOTE BOOK

A note book entitled "Brabag" - Communications issued by Braunkohle-Benzin A. G. from the files of Dr. Hausmann. The note book contains 243 pages and is divided into 16 sections, which deals mainly with petroleum (natural and synthetic) and related processes.

The communications are short abstracts of the literature and patents on the interests as shown in the 16 sections and cover the years 1939-1944. Some references to German journals are included which are not generally available in the U. S. during the war years.

A copy of the above - substituting - Dr. Vollmer - for Dr. Hausmann.

Part 21.

5835-6270

NOTE BOOK

1. A notebook containing form sheets and standards for nuts, bolts, screws and flanges, etc., issued by Braunkohle-Benzin A. G., dated 1940.
2. "Hydrogenation installation." Data and reports on hydrogenation plants at low temperature. Reports also concern themselves with equipment such as heat exchangers, preheaters and gaskets. Drawings are included. These reports concern the Leuna works and are dated from 1936 through 1939.

3. "Exchange of experiences" conferences contained in a notebook from the file of Dr. Braune dated from 1941 through 1944. This book contains "Exchange of experience" conferences among the Ruhrchemie people and subsidiaries:
- 3 - (a) Report on conference in Essen, Jan. 12, 1944. 21 pages. Various problems concerning the Fischer-Tropsch synthesis.
 - 3 - (b) Report on explanation of explosion in the blast main of the water gas plant. Report dated Nov. 29, 1943. 2 pgs.
 - 3 - (c) Report on the conference on the synthesis works at Essen, Jan. 8, 1943. The report has pages 12 through 49 missing out of a total of 78 pages.
 - 3 - (d) Report on the cobalt situation in Essen. May 4, 1943. 6 pages.
 - 3 - (e) Report on addition to the report dated 3/26/1943 in Bergkamen. Report of Dr. B. Löffmann on the improvements in synthesis plants methods and to increase production and catalyst life, 9 pages.
 - 3 - (f) Report on exchange of experience on the synthesis work. "The lengthening of the catalyst life by the method of the Essen coal chemical works." 17 pages.
 - 3 - (g) Report of exchange of experience conference at Essen. 4/17/42. 13 pages.
 - 3 - (h) Report on a conference of the synthesis works at Essen Oct. 3, 1941. 78 page report divided into 7 sections.
 - 1- New methods in purification;
 - 2- Influence of higher sulfur content on the synthesis;
 - 3- H₂S production in synthesis gas from the sulfur in the cooling water;
 - 4-5- The development of middle pressure synthesis of olefins;
 - 6- CO and H₂ balance as an aid in synthesis control;
 - 7- Development work on the subject of iron catalyst.
 - 3 - (i) Report on conference held 7/31/41 in Essen concerning experiences with calcined Kieselguhr catalyst and supply of purification material. (7 pages).
 - 3 - (j) Report on the catalyst carrier of the Ruhr works. Mar. 24, 1941, at Essen. (6 pages).