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363-367	Discussion on catalyst problems. Conference report signed by Heckel, dated Jan. 26, 1939, Ruhrbenzin A.G.
368-376	Japanese kieselguhrs as carrier substances for catalysts. Report signed by Heckel, dated Sept. 7, 1938, Ruhrbenzin A.G. (Three tables and three pages of graphs attached). (Reproduced also on T.O.M. Reel 296, Frames 7048-7056.)
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385-395	Influence of the cobalt and thorium content on the stability and life of catalysts. Report signed by Roelen, dated Aug. 24, 1937, Ruhrbenzin A.G. (Nine graphs attached.)
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414-415	Use of primary fatty acids. Note signed by Roelen, dated May 4, 1943, Ruhrbenzin A.G.
416-417	Production of soap from the fatty acids yielded in the gasoline synthesis. Letter signed by Martin and Wachter, dated March 11, 1943.
418-421	Soap production from by-products of the carbon monoxide hydrogenation. Report by Roelen, dated Aug. 30, 1941. (A page on soap production taken from Chemie und Technologie der Fette und Fettprodukte, by Dr. H. Schönfeld, 2nd ed., Vol. IV, p. 176, (1939) is attached).

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422	Internal letter concerning Patent Application R 584 dealing with the manufacture of soap. Letter signed by Roelen, dated Aug. 22, 1941. (Duplicated on Frame 426).
423-425	Process for the production of fatty acids from fatty aldehydes. Draft of a patent application by Roelen, dated Aug. 22, 1941, (Duplicated on Frames 427-429).
426	Duplicate of Frame 422.
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432	Internal letter, subject: Soap samples. Letter signed by Buchner, dated Dec. 3, 1941.
433–435	Test of soap flakes from the synthesis of OXO compounds. Test report signed by Amende, dated Aug. 20, 1941, I.G. Farbenindustrie A.G., Ludwigshafen. (Two washing tests attached).
436-441	Utilization of the emulsion layer on the caustic soda liquor of the large scale plant. Report signed by Büchner, dated June 30, 1942.
442-448	Internal letter relating to objections to a patent specification, R 572, on the conversion of olefins. Letter signed by Roelen, dated June 11, 1942, (U.S. Patent 2,135,459 referred to).
449–451	Report on the purification of crude-soap by extraction. Report by Buchner, dated July 28, 1941. (One table attached.)
452-457	Process for the separation of unsaponifiable components from their mixtures with saponifiable compounds. (Draft of a patent specification, N 43,538, IVa/23 e). Dr. Hermann Pardun, inventor, to Noblee & Thorl G.m.b.H., dated Aug. 23, 1939.
458	Letter to Chemische Werke Aussig-Falkenau Re: Sample of fatty acid. Letter dated May 5, 1941, Ruhrchemie A.G.
459 - 469	Synthesis production of fat. Note signed by Roelen, dated July 21, 1943, Attached are: Operation data and cost of synthetic fat production and one flow sheet, letter by Brabag to Ruhrchemie for records re fat synthesis, and two flow sheets.
470-471	Synthetic fat production. Note signed by Martin, dated July 14, 1943.

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472 - 474	Separation of unsaponifiable portions from saponified products of hydrocarbon oxidation. Draft of a patent specification, M 138,824 IVa/23 e, dated July 31, 1937, Märkische Seifenindustrie, Witten.
475	Objection to a patent application regarding sulfonation of fatty alcohols. Letter signed by Roelen, dated Feb. 13, 1941. (German Patent Appl. M 136,992 and R 474 referred to).
476–479	Transformation of higher alcohols into fatty acid salts. Draft of a patent specification signed by Roelen, dated Feb. 12, 1941. (One flow sheet attached).
480-481	Oxidation of aldehydes. Internal letter signed by Roelen, dated Aug. 12, 1940,
482-486	Experiments for processing OXO soap. Note signed by Roelen, dated July 4, 1940.
487-488	Diluting raw aldehyde with heavy oil in fatty acid production. Internal letter signed by Roelen, dated June 17, 1940.
489 –49 2 ₋	Examination of a paraffin gatch. Test-report signed by Leithe, dated Jan. 27, 1940, Ammonia Laboratory, I.G. Farbenindustrie A.G., Oppau.
493-494	Only fragmentary document, dated April 10, 1940, is present.
495-503	Production of fatty acid by 0X0 synthesis. Letters signed by Roelen, dated April 1, 1940, Ruhrchemie A.G., Oberhausen-Holten and Dr. Paul Schneider, Feb. 1, 1940, Generalsachverständige für deutsche Roh- und Werkstoffe. (Flow sheets attached.)
504-505	Yield of the gasoline synthesis with an iron catalyst. Letter signed by Dr. Schneider, Feb. 1, 1940, Generalsachverständige für deutsche Roh- und Werkstoffe.
506-507	Increase of the yield of fatty acid in paraffin oxidation. Internal letter signed by Roelen, dated Jan. 4, 1940.
508-509	Synthesis of fatty acids. Internal letter signed by Roelen, dated Dec. 27, 1939. (German Patent 588,763 referred to.)
510-514	Reaction between carbon monoxide and water with regard to fatty acid synthesis. Internal letter signed by Roelen, Dec. 4, 1939,
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519-520	Transformation of "A" oils into soap. Report signed by Roelen, dated Nov. 22, 1938. (One flow sheet attached.)
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525-528	Acids obtained in the gasoline synthesis. Internal letter signed by Lachmann, dated Sept. 13, 1938.
529	Production of paraffin for the fatty acid synthesis. Report signed by Bahr, dated Aug. 26, 1938.
530	Testing of hard paraffins. Letter dated June 9, 1937, I.G. Farben-industrie A.G., Ludwigshafen.
531	Obtaining fatty acids by oxidation of hard paraffin. Letter signed by Roelen, dated Aug. 18, 1936.
532-536	Several short documents concerning sulfur removal and the purification of safety gas. Documents dated during 1944, one in 1943.
537-538	Catalytic final purification of synthesis gas. Internal letter signed by Roelen, dated July 30, 1942,
539	Coke gas purification. Internal letter signed by Roelen, dated Feb. 9, 1942.
540	Method for raising the porosity of the line purifying substance. Internal letter, dated Dec. 12, 1941.
541-546	Fine purifying materials. Report by Roelen, dated April 22, 1940.
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558-560	Determination of sulfur in the final gas of a two-shaft furnace. Letter signed by Roelen, dated July 20, 1938.
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