INDEX - MICROFILM REEL 243 (Original designation BM-30)

The following are translations of material appearing on T.O.M. microfilm reels 1 to 100.

TOM REEL NO.	TITLE	ITEM NO.	FRAME
T. T.	Solubility of Carbon Dickide, etc. in organic liquids. (Translated by Standard Oil Development Co.)		
1	Hydrocarbon syntheses with iron catalysts. (Translated by California Research Corporation).	65	
1	Conversion of a synthetic olefin into Oxo-alcohols. (Translated by California Research Corporation).		
1 ·	Hydrocarbon syntheses with iron catalysts. (Translated by P.A.W.)	66	
1	Propositions for changes and improve- ments in construction of the Lutzkendorff works. (Translated by P.A.W.)	83	
3	[.G. Patent application. Process for production of ethylene glycol. (Translated by Standard Oil Co. Indiana).		220- 226 incl

TOM REEL NO.	TITLE	ITEM NO.	FRAME NO.
6	Patent application Bl90,197 IVd/120. Process for the separation of aliphatic oxygen-containing compounds.		263-
7	From a report on analytical methods of hydrogenation plants at Lud-wigshafen and Oppau. (Translated by Standard Oil Development Co.)		
7	Investigations of asphalts. (Trans- lated by Standard Oil CoIndiana).		43-67
14	Palatinol from oxo-alcohol. (Trans- lated by Standard Oil CoIndiana).		798-801
15	I.G. Patent 75,356 IVd/236. Process for the clearing of the products resulting from the conversion of CO with hydrogen. (Translated by the Texas Co.)	18	
15	Rough calculation concerning the yield of unsaturated hydrocarbons which can be recovered from the tunnel-kilns-carbonization gases.		1566-1617
15	Volumetric determination of two olefin groups. Improvement on the method of Tauss (Dr. W. Friedrichsen). (Translated by Standard Oil Develop- ment Co.)		1682-84
17	Conversion of methane with steam and carbon dioxide to synthesis gas. (Translated by Standard Oil Co. of Indiana).	27	579-589
17	I.G. Patent application. Process for the preparation of valuable oils. (Translated by the Texas Co.)	34	

TOM REFA.	TITLE	ITEM NO.	FRAME NO.
17	I.G. Patent 177,678 IVd/120. Process for producing highly branched paraffin hydrocarbons from naph— thenic hydrocarbons. (Translated by California Research Corp.)	· ·	310000843 - 846
17	Preparation of lubricating oil from hydrogenation products by thermal cracking and polymerization of the cracked products. (Translated by the Texas Company)	42	
17	Synthetic lubricating oils from pure hydrocarbons. (Translated by the Texas Company).	43	
18	Polyurethanes. (Translated by Standard Oil Development Company).	60	
18	<pre>I.G. Patent application. Procedure for paraffin oil processing. (Translated by the Texas Co.)</pre>	62	
18	I.G. Patent. Procedure for cata- lytic conversion of materials containing carbon. (Translated by Standard Oil Dev. Co.)	72	
19	I.G. Patent application J74,241 IVd/120. Processing of products resulting from the conversion of carbon monoxide with hydrogen. (Translated by the Texas Co.)		680-689
19	Process for obtaining pure m-Xylene. (Translated by California Research Corp.)		
21	Procedure for analysis of pentene and hexene fractions in a V-tube. (Translated by Standard Oil Dev.		
	Co.)	*	631-700

		-	14/
TOM REEL	TITLE	NO.	FRAME NO.
25	Determination of high molecular weight aldehydes. (Translated by Standard Oil Dev. Co.)		1434-36
27	Carbonyl and acetal number. (Trans- lated by Standard Oil Dev. Co.		5 and 6
27	Determination of carbonyl groups in aldehydes and ketones. (Trans-lated by Standard Cil Dev. Co.)	2	
27	Drying and dry-keeping through the use of silica gel. (Translated by the Texas Company).	56	
27	Liquid-drying experiments with silica gel. (Translated by the Texas Co.)	5 7	
31	Abstracts. (Translated by Standard Oil Co. of Ind.)		160, 010,051- 1073
36	(Translated by Standard Oil Co. of Ind.) Polymerization.	2	111-113
36	Preparation of R; - and R5-aviation gasolines for Berlin. (Trans-lated by Standard Oil Co. of Ind.	31	497-502
38	Analytical methods for synthesis plants. (Translated by Standard Oil Dev. Co.)		l and 9
40	Catalytic polymerization of unsaturated hydrocarbons. (Translated by Standard Oil Co. of Ind.)		24-50
40	Polymerization of gasol with increasing charge. (Trans.: L.P.G.) (Trans-lated by Standard Oil Co. of Ind.)	<u>·</u>	51-56

TOM REEL NO.	TITLE	ITEM NO.	FRAME NO.
40	Addition of U.O.P. inhibitors into our poly naphthas. (Translated by Standard Oil Co. of Ind.)	14	92-3
-40-	Bases for auto-naphtha qualities. (Translated by Standard Oil Co. of Ind.)	· -	207-210
40	Purification of primary naphtha from alcoholic constituents by passage of the vapor over alumina and jointly the preparation of oils. (Translated by Standard Oil Co. of Ind.)		212-215
40	Preparation of oils from primary products of the naphtha pressure synthesis. (Translated by Standard Oil Co. of Ind.)		272 224
46	Construction of an aviation oil plant with a capacity of 11,050 tons per year of aircraft motor oil. (Translated by Standard Oil Co. of Ind.)		313 - 32 8 877 -883
47	Preparation of adipic acid from cyclohexane. (Translated by Standard Oil Co. of Ind.)	·	994-995
48	Preparation of the cobalt-thorium catalyst. (Translated by Standard Oil Co. of Ind.)		740-741
48	Reduction of the cobalt catalyst. (Translated by Standard Oil Co. of Ind.)		742-743
48	Determination of the free metal content in catalysts (acid-vacuum method). (Translated by Standard Oil Co. of Ind.)		744-749

TOM REEL		ITEM	FRAME
NO.	TITLE	NO.	NO.
48	Polymerization. (Translated by Standard Oil Co. of Ind.)		81 9-827
50	Method for determining location of double bonds in olefins. (Translated by Humble Oil & Ref. Co.)	:	361-366
· 50 :	Catalytic cracking of cracked gas cil. (Translated by Standard Oil Co. of Ind.)	83	378
50	Polymerization in the technical experimental plant. (Trans- lated by Standard Oil Co. of Ind.)	93	846-854
55	Synthesis of methanol. (Trans- lated by the Texas Co.)	68	•
55 ,	OXO Reaction. (Translated by the Texas Co.)	69	
55	OXO Reaction. OXO treatment of carbonization gasoline from Brux and Deuben. (Translated by the Texas_Co.)	-70·	
5 5	OXO Reaction. (Translated by the Texas Co.)	71	
55	OXO Reaction. (Translated by the Texas Co.)	.72	
· 55	OXO Reaction. (Translated by the Texas Co.)	73	
55	OXO Reaction. (Translated by the Texas Co.)	74	
55	OXO Reaction. (Translated by the Texas Co.)	78	

TOM REEL NO.	TITLE	ITEM NO.	FRAME NO.
55	OXO Reaction. (Translated by the Texas Co.)	80	
55	OXO Reaction. (Translated by the Texas Co.)	81	
55	OXO Reaction. (Translated by the Texas Co.)	83	
55	OXO Reaction. (Translated by the Texas Co.)	84	
55	OXO Reaction. (Translated by the Texas Co.)	85	
55 .	Synol work. (Translated by the Texas Co.)	87	
55	Treatment of OXO- and synol alcohols. (Translated by the Texas Co.)	88	
55	Hydrocarbon synthesis from carbon monoxide and hydrogen. (Translated by the Texas Co.)	94	
55	Hydrocarbon synthesis from carbon monoxide and hydrogen. (Translated by the Texas Co.)	95	
55	Hydrocarbon synthesis from carbon monoxide and hydrogen. (Trans-lated by the Texas Co.)	96	
66	Determination of branched isomers in mixtures of paraffin hydro- carbons. (Translated by Standard Oil Co. of Ind.)	: <u>.</u>	494-500
67	Hydrocarbon synthesis directly from water gas. (Translated by Standard Oil Co. of Ind.)		39-41

FRAME NO.
641-647
648-653
673-694
595-703
940-94 1
36-138
.99-1210
32-1233
8, 410, 2, 414.
8

TOM REEL NO.	TITLE	ITEM NO.	FRAME NO.
71	Gas desulfurization by activated carbon disposal between coarse and fine purification in Rheinpreussen. (Translated by Standard Oil Co. of Ind.)		482 - 485
71	Orsat analysis. (Translated by Standard Oil Dev. Co.)	9	
79	Processing of aluminum chloride sludge. (Translated by Standard Oil Co. of Ind.)		2252-2275
79	(Translated by Standard Oil Dev. Co.) Table of Contents.	121	2299
79	Constitution of lubricating oil	134	2694-2695
79	Work of Division for combating of plant diseases, Laboratory of N.V. de Bataafsche Petroleum Mij., Amsterdam. (Translated by Standard Oil Co. of Ind.)		2349-2366
79	Preparation of propane peroxide in a semi-technical experimental plant. (Translated by the Texas Co.)	126	·
82	Activation of methane through high pressure. (Translated by Standard Oil Co. of Ind.)		4974-5021
87 [*]	Study of resistance of different materials toward carbon monoxide. (Translated by Standard Oil		·
	Co. of Ind.)		1846-1848