

Index to Navy Reel No. 5968

Captured German Technical Documents on Oil Shale Patents
and Patent Applications with Translations

<u>Document Frames</u>	<u>Subject</u>	<u>Translation Frames</u>
10002-10010	Patent Application Process for the carbonization of oil shale in its own bed (Subterranean carbonization)	20001-20002
10017	Claim of a Patent Application	20005
10020-10026	Patent Application Process and arrangement for the carbonization of oil shale and other bituminous fuels which have a high ash content.	20004-20006
10064-10066	R. P. 427, 781 Process for the carbonization of bituminous substances such as oil shale.	20007-20008
101000	Patent Application Process for carbonization of oil shale. Frame 10102 is the last page of a file on Lurgi patent data. The frames skipped in the index either are duplications of documents in the file already scanned or are correspondence of little interest.	20009
10103-10116	Trade Journal Extracts Abstracts of foreign and American patents on oil shale carbonization.	20010-20023
10119-10130	Oil Shale Plant Offer for construction of a 500 ton per day oil shale carbonization plant	20024

10131-10133	R. P. 691, 746 Process and arrangement for the determination of sulfur content of liquid fuels	20025
10134-10135	R. P. 689, 121 Process for low temperature carbonization of bitumen or oil containing solid materials by means of recycling superheated gases.	20026
10136-10141	R. P. 682, 639 Gadget which is suitable to move iron frames which are filled with coal through low temperature carbonization chambers.	20027
10142-10143	R. P. 681, 745 Iron container which can be used for low temperature carbonization of coal.	20028-20029
10145-10148	R. P. 669, 440 Process for low temperature carbonization of coal by means of vertical intermittent working chambers.	20030-20031
10149-10154	R. P. 666, 624 Process for simultaneous low temperature carbonization and cracking of lignite and other bituminous fuels	20032-20037
10155-10156	R. P. 685, 240 Process for low temperature carbonization of bituminous rocks.	20038-20039
10157-10158	R. P. 692, 471 Process for low temperature carbonization of bitumen-containing rocks	20040
10159-10160	R. P. 554, 294 Process for the improvement of the qualities of shale oils and their derivatives.	20041-20042

10161-10163	R. P. 566, 155 Process for the production of refined sulfur-containing oils.	20043-20045
10164-10166	R. P. 682, 196 Process for the manufacture of Diesel fuels from tars or tar oils respectively	20046-20047
10167-10170	R. P. 675, 826 Process and arrangement for the preparation of mixtures of bituminous rocks.	20048
10171-10172	R. P. 421, 858 Process for refining mineral oils.	20049-20051
10173-10174	R. P. 458, 629 Process for the production of insulating oils from lignite or oil shale tars	20052-20054
10175-10176	R. P. 482, 416 Process for the production of insulating oils from lignite or oil-shale tars	20055-20056
10177-10179	R. P. 673, 139 Diesel fuel.	20057
10180-10184	R. P. 681, 744 Vertical furnace for low temperature carbonization	20058-20059
10183-10184	R. P. 683, 927 Diesel fuel.	20060-20061
10185-10187	R. P. 691, 748 Duplicate of frames 10131-10133	20062
10188-10189	R. P. 695, 47A Process for brightening the color and improving the odor of lignite and shale oils	20063-20064

	Duplicates of 20063-20064	20065-20066
10190	R. P. 696, 532 Process for brightening the color and improving the odor of lignite and shale oil.	20067
10193-10194	R. P. 647, 617 Vertical furnace for low temperature carbonization.	20068-20069
10209-10211	R. P. 673, 750. Arrangement for analysis of liquid fuels, chiefly for the determination of the total sulfur content.	20070-20071
10216-10217	R. P. 677, 014 Process for dehydration of tars.	20072
10218-10219	R. P. 678, 500 Process for the refining of hydrocarbon oils.	20073-20074
10235-10237	R. P. 682, 970 Vertical furnace for low temperature carbonization.	20075-20076
101242-10244	R. P. 683, 266 Steel container for low temperature carbonization furnaces.	20077-2078
101252	R. P. 693, 769 Process for the manufacture of sulfonated products.	20079
10256-10258	R. P. 698, 725 Continuously working low temperature carbonization furnace applying purge gases.	20080-20082
101259-101260	R. P. 707, 813 Process for the extraction of coals, peat, bituminous shale applying high pressure.	20083-20084

101261-101262	R. P. 708, 763 Process for the low temperature carbonization of lignite, oil-shale, etc.	20085-20087
10263-10264	R. P. 709, 022 Process for the recovery of high or low melting paraffin waxes from coals, oil shales, or other bituminous substances.	20088-20090
10265-10268	R. P. 710, 717 Vertical furnace for low temperature carbonization.	20091-20092
10269-10271	R. P. 711, 376 Process for the manufacture of lubricants by high pressure hydrogenation of lignite or peat.	20093-20095
10272-10273	R. P. 711, 380 Process for pressure extraction of coals, peat, bituminous shale, etc.	20096-20098
10274-10275	R. P. 711, 711 Process for the extraction of coal, peat, or bituminous shales applying pressures.	20099-200100
10276-10277	R. P. 711, 712 Process for the extraction of coal, peat, or bituminous shales applying pressures	20101-20102
10278-10280	R. P. 712, 015 Process for the treatment of bituminous substances, or products which contain such substances.	20103-20105
10281-10282	R. P. 714, 909 Process for the extraction of coal, peat, bituminous shales, etc. Applying elevated pressures and catalysts	20106-20107
10283-10286	R. P. 720, 464 Arrangement for an intermittent processing of granulated fuels.	20108-20109

10287-10289	R. P. 722, 459 Process and arrangement for low temperature carbonization of solid bituminous fuels especially for lignite by means of purging gases.	20110-20113
10290-10292	R. P. 725, 487 Process for treating waste liquors of the dialysis of sulfuric acids of sulfur-containing mineral or tar oils or their ammonium salts.	20114-20116
10293-10295	R. P. 726, 004 Process for extracting low temperature carbonization	20117-20118
10296-10298	R. P. 726, 825 Ring-shaped shaft furnace for low temperature carbonization applying two cycles of purging gases.	20119-20120
10299-10300	R. P. 727, 204 Process for treating waste liquors of the analysis of sulphonic acids of sulfur-containing mineral or oils or their ammonium salts.	20121
10301-10304	R. P. 727, 669 Ring-shaped shaft furnace with a central introduction of purging gases.	20122-20123
10308-10311	R. P. 734, 719 Process for the preparation of oil shale deposits for low temperature carbonization.	20124
10305-10307	R. P. 730, 725 Retort for low temperature carbonization.	20125
10312	R. P. 739, 270 Process for the improvement of the odor of shale oils.	20126-20127

Frames 10118-10312 comprise patents assembled in a file on Portland cement data. Where frame numbers have been skipped, the intervening pages are duplications of other documents in the file or are routine correspondence of little interest.

10323-10326	Process which is suitable for underground carbonization.	20128-20131
10357-10359	Carbonization process which uses the fixed carbon of the residue	20132-20133
10360-10364	Furnace for low temperature carbonization	20134-20135
10383	Process which is suitable for underground carbonization.	20136
10386-10390	Furnace and process which is suitable for the carbonization of oil shale.	20137-20139
10412-10415	Process and arrangement which is suitable for subterranean carbonization of oil shale	20140-20141
10428-10430	Process which is suitable for the carbonization of solid shale rock.	20142-20145
	Frames 10313-10437 comprise a patent file from Kohle Obl-Union. Duplications of documents in the file or routine correspondence account for the skipping of frames of frames in the index.	
10438-10440	Patent Application Process for the recovery of oil shale carbonization products by underground carbonization.	20146
10442-10446	Patent Application Process for recovery of oil shale carbonization products by underground carbonization.	20147-20148

10447-10458	Patent Application Process for manufacturing and improving natural or artificial hydraulic acting materials	20149-20151
10459-10463	Patent Application Process for the improvement of soils	20152-20153
10464-10471	Patent Application Admixture to the fodder of livestock	20154
10472-10475	Patent Application Hydraulic hardening gypsum	20155-20156
10476-10479	Patent Application Process for the manufacture of highly activated hydraulic substances	20157
10481-10485	Patent Application Manufacture of highly activated hydraulic substance from oil shale	20158
10486-10491	Patent application Process for the manufacture of a highly activated hydraulic substance which can be admixed to binders which originate from oil shale and its products	20159
10492-10500	Patent Application Process for the manufacture of hydrocarbon compounds which contain high amounts of sulfur, especially of sulfur-containing mineral oils which can be used as pharmaceutical substances.	20160-20162
10501-10515	Patent Application Process for the manufacture of Portland - cement like hydraulic binders.	20163-20167

10516-10518	<p style="text-align: center;">Patent Application</p> Process for manufacture of quick-hardening, non-shrinking high hydraulic binder	20168-20169
10520-10522	<p style="text-align: center;">Patent Application</p> Process for the manufacture of rock wool	20170
10524-10526	<p style="text-align: center;">Patent Application</p> Improvement of soils, annex to R. P. 730, 234	20171
10528-10533	<p style="text-align: center;">Patent Application</p> Process for the manufacture of substances which are suitable for the improvement of soils or which can be added to fertilizers.	20172-20173
10574-10575	<p style="text-align: center;">R. P. 699, 130</p> Process for the manufacture of substances which are suitable for the improvement of soils which can be added to fertilizers.	20174
10586-10587	<p style="text-align: center;">Swiss Pat. 207, 951</p> Process for the manufacture of a soil improving agent.	20175

Frames 10437 - 10634 comprise another patent file on Portland cement data. Duplications of documents in the file or routine correspondence account for the frames skipped in the index.