

Title (en)
PYROLYSIS PROCESSES AND TREATMENT OF PYROLYSIS RESIDUES

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Application
EP 81400881 A 19810602

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MA 19064 A 19800602

Abstract (en)
[origin: ES8203413A1] The invention pertains to a process of pyrolysis of shale capable of producing hydrocarbons. It comprises associating at least two retorts and causing their respective operational phases to be so coordinated as to achieve simultaneous pyrolysis of said materials in one of said retorts and treatment of the hot residues subsequent to an earlier pyrolysis in another of said retorts, said treatment comprising the discharging of the residues, the admission or supply into said other retort of crude or raw material as well as the recovery of the heat contained in the pyrolysis residues by means of a circulation therethrough of an oxidant gas, preferably air, and of initially pulverized or atomized water, the resulting mixture of oxidant gas and steam being then supplied into a retort in which a phase of pyrolysis is being run to assist the combustion of the carbonaceous residues formed as a result of the pyrolysis of the load of materials treated or pyrolyzed therein. When said pyrolysis in one of said retorts and the treatment of the residue in said other retort are both completed the modes of operation of said two retorts are alternated.

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