

Title (en)  
PYROLYSIS PROCESSES AND TREATMENT OF PYROLYSIS RESIDUES

Publication  
**EP 0041460 B1 19850918 (FR)**

Application  
**EP 81400881 A 19810602**

Priority  
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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**C10G 1/02**

IPC 8 full level  
**C10G 1/02** (2006.01)

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**EP 0041460 A2 19811209; EP 0041460 A3 19820421; EP 0041460 B1 19850918;** AT E15686 T1 19851015; AU 556400 B2 19861030; AU 7126181 A 19811210; BR 8103480 A 19820224; DE 3172312 D1 19851024; ES 503250 A0 19820401; ES 8203413 A1 19820401; MA 18866 A1 19801231; US 4383912 A 19830517; YU 139581 A 19840430

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