

Title (en)
PYROLYSIS OF COAL HYDROGENATION RESIDUES

Publication
EP 0138213 B1 19890118 (DE)

Application
EP 84112303 A 19841012

Priority
DE 3337622 A 19831015

Abstract (en)
[origin: US4584060A] A method for low temperature carbonization of coal hydrogenation residues, wherein a coal hydrogenation residue is subjected to a reduced pressure distillation in a one-shaft or multishaft screw extruder, liberated gases and vapors are drawn off, and non-volatilized remaining material is subjected to low temperature carbonization in a screw extruder.

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C10G 1/00

IPC 8 full level
C10B 7/10 (2006.01); **C10G 1/00** (2006.01); **C10G 1/02** (2006.01)

CPC (source: EP US)
C10B 7/10 (2013.01 - EP US); **C10G 1/02** (2013.01 - EP US)

Cited by
EP0379705A1; GB2527830A; US4686008A; US10421919B2

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 0138213 A2 19850424; EP 0138213 A3 19861001; EP 0138213 B1 19890118; CA 1226840 A 19870915; DD 232719 A5 19860205; DE 3337622 A1 19850425; DE 3476219 D1 19890302; US 4584060 A 19860422

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EP 84112303 A 19841012; CA 465086 A 19841010; DD 26833284 A 19841012; DE 3337622 A 19831015; DE 3476219 T 19841012; US 66097084 A 19841015