

Title (en)  
PYROLYSIS OF COAL HYDROGENATION RESIDUES

Publication  
**EP 0138213 A3 19861001 (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.

IPC 1-7  
**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)

Citation (search report)  
• [A] DE 704444 C 19410331 - HYDRIERWERK SCHOLVEN AKT GES  
• [A] GB 288148 A 19290628 - IG FARBENINDUSTRIE AG  
• [A] FR 550217 A 19230301 - PLAUSON S PARENT COMPANY LTD  
• [A] DE 2407217 A1 19750904 - KLOECKNER HUMBOLDT DEUTZ AG  
• [AD] US 2615199 A 19521028 - FULLER LAWRENCE J  
• [AP] EP 0094134 A1 19831116 - TNO [NL]

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Designated contracting state (EPC)  
BE DE FR GB

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

DOCDB simple family (application)  
**EP 84112303 A 19841012**; CA 465086 A 19841010; DD 26833284 A 19841012; DE 3337622 A 19831015; DE 3476219 T 19841012; US 66097084 A 19841015