

Title (en)
PROCESS AND UNIT FOR PRODUCING BRIQUETTE MATERIAL FOR HOT BRIQUETTING

Publication
EP 0155318 B1 19900530 (DE)

Application
EP 84903714 A 19840904

Priority
DE 3332053 A 19830906

Abstract (en)
[origin: WO8501061A1] Process for producing briquette material for hot briquetting by pyrolytic decomposition of agglutinated coal mixed with thermally stable substances at a temperature comprised between 450 and 530>C, and appropriate units for implementing such process. In a moving bed reactor (2, 4, 5), the briquette material, which is more accurately defined in the generic term of the main claim and which is formed by pyrolytic decomposition of the agglutinated coal part, is maintained in a continuous mixing and kneading motion. The briquette material is first moved into a rotary mixing and kneading motion substantially parallel to the roller axes and falls at an average speed which is lower than 3 cm/s by gravity before it is finally evenly distributed throughout the width of the rolls in a substantially perpendicular rotation motion.

IPC 1-7
B01F 7/20; **C10L 5/08**

IPC 8 full level
C10L 5/04 (2006.01); **B01F 7/18** (2006.01); **B01J 2/22** (2006.01); **B01J 8/12** (2006.01); **C10L 5/02** (2006.01); **C10L 5/08** (2006.01)

CPC (source: EP US)
B01F 27/902 (2022.01 - EP US); **C10L 5/02** (2013.01 - EP US)

Cited by
CN111992136A

Designated contracting state (EPC)
AT BE CH FR GB LI LU NL SE

DOCDB simple family (publication)
WO 8501061 A1 19850314; AU 3504384 A 19850329; AU 562571 B2 19870611; BR 8407057 A 19850813; CA 1231668 A 19880119; DE 3332053 A1 19850321; DE 3332053 C2 19920917; EP 0155318 A1 19850925; EP 0155318 B1 19900530; ES 535664 A0 19850516; ES 8504908 A1 19850516; GB 2157312 A 19851023; GB 2157312 B 19871104; GB 8511229 D0 19850612; IN 162692 B 19880702; JP H0631361 B2 19940427; JP S61500070 A 19860116; US 4601728 A 19860722; ZA 847025 B 19850626

DOCDB simple family (application)
EP 8400266 W 19840904; AU 3504384 A 19840904; BR 8407057 A 19840904; CA 462573 A 19840906; DE 3332053 A 19830906; EP 84903714 A 19840904; ES 535664 A 19840905; GB 8511229 A 19840904; IN 664MA1984 A 19840828; JP 50377884 A 19840904; US 73275785 A 19850430; ZA 847025 A 19840906