Title (en)

PROCESS FOR THE MANUFACTURE OF SHAPED BODIES FROM SOLID FUELS FOR GASIFICATION

Publication

EP 0012457 B1 19820818 (DE)

Application

EP 79200651 A 19791107

Priority

DE 2853389 A 19781211

Abstract (en)

[origin: EP0012457A1] 1. A process of producing shaped bodies for gasification of solid fuels under a pressure between 5 and 150 bars by a treatment with gasifying agents which contain oxygen, water vapor and/or carbon dioxide, wherein the fuel is formed into a fixed bed, which slowly moves downwardly, the gasifying agents are introduced into the fixed bed from below, and the incombustible mineral constituents of the fuel are withdrawn under the fixed bed as solid ash or liquid slag, said shaped bodies are formed from a fuel mixture containing fine-grained caking coal which softens in a certain temperature range, characterized in that at least two kinds of fine-grained caking coal are used for said mixture, said kinds of caking coal have different softening temperature ranges, the content of each kind in the mixture being at least 25% by weight.

IPC 1-7

C10J 3/02; C10J 3/08

IPC 8 full level

C10J 3/02 (2006.01); **C10J 3/08** (2006.01)

CPC (source: EP)

C10J 3/02 (2013.01); **C10J 3/08** (2013.01); **C10J 3/20** (2013.01); **C10J 3/78** (2013.01); C10J 2300/093 (2013.01); C10J 2300/0943 (2013.01); C10J 2300/0959 (2013.01); C10J 2300/0969 (2013.01); C10J 2300/0976 (2013.01); C10J 2300/0986 (2013.01); C10J 2300/0996 (2013.01); C10J 2300/1675 (2013.01)

Cited by

US6033528A; DE19680166C1; WO8301626A1

Designated contracting state (EPC)

BE DE FR GB NL

DOCDB simple family (publication)

EP 0012457 A1 19800625; **EP 0012457 B1 19820818**; AU 5357279 A 19800619; DE 2853389 A1 19800612; DE 2963563 D1 19821014; JP S5580492 A 19800617; PL 118261 B2 19810930; PL 220294 A2 19800922; ZA 795835 B 19801029

DOCDB simple family (application)

EP 79200651 A 19791107; AU 5357279 A 19791207; DE 2853389 A 19781211; DE 2963563 T 19791107; JP 15970579 A 19791208; PL 22029479 A 19791210; ZA 795835 A 19791031