

Title (en)

METHOD AND DEVICE FOR THE PREPARATION OF FUELS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR PRÄPARIERUNG VON BRENNSTOFFEN

Title (fr)

PROCEDE ET DISPOSITIF DE PREPARATION DE CARBURANTS

Publication

EP 1337609 A1 20030827 (DE)

Application

EP 01983536 A 20011009

Priority

- DE 10050332 A 20001011
- EP 0111667 W 20011009

Abstract (en)

[origin: WO0231091A1] The invention relates to a method and device for the preparation of fuels by means of a catalyst solution. According to the invention, the costs of raw iron production may be reduced and in particular the consumption of coke reduced, by means of an increase in the directly-fed coal dust and application of low-grade coal or petroleum coke, whereby a catalyst is injected in the form of a solution, which reduces the ignition temperature of the fuel, during the coal milling of coarse coal to give fine coal or coal dust.

IPC 1-7

C10L 10/00; **C21B 5/00**; **B02C 23/22**

IPC 8 full level

B02C 15/00 (2006.01); **B02C 23/22** (2006.01); **C10L 10/00** (2006.01); **C10L 10/02** (2006.01); **C21B 5/00** (2006.01); **F02M 27/02** (2006.01)

CPC (source: EP KR)

B02C 23/22 (2013.01 - EP); **C10L 10/00** (2013.01 - KR); **C10L 10/02** (2013.01 - EP); **C21B 5/003** (2013.01 - EP); **C21B 5/004** (2013.01 - EP); **B02C 2015/002** (2013.01 - EP)

Citation (search report)

See references of WO 0231091A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 0231091 A1 20020418; AU 1501402 A 20020422; BR 0114625 A 20030715; CN 1245489 C 20060315; CN 1479778 A 20040303; DE 10050332 A1 20020502; DE 10050332 C2 20031127; EP 1337609 A1 20030827; JP 2004511654 A 20040415; KR 20030072333 A 20030913; RU 2265644 C2 20051210

DOCDB simple family (application)

EP 0111667 W 20011009; AU 1501402 A 20011009; BR 0114625 A 20011009; CN 01820385 A 20011009; DE 10050332 A 20001011; EP 01983536 A 20011009; JP 2002534462 A 20011009; KR 20037005102 A 20030410; RU 2003110421 A 20011009