

Title (en)

Device for feeding a burner with "Refuse Derived Fuels" (RDF)

Title (de)

Zufuhrvorrichtung für Brenner mit Abfallbrennstoffen (RDF)

Title (fr)

Dispositif pour l'alimentation de brûleurs à combustibles provenant de déchets (RDF)

Publication

EP 0967438 B1 20040414 (EN)

Application

EP 99110218 A 19990526

Priority

IT MI981421 A 19980622

Abstract (en)

[origin: EP0967438A2] Device for feeding a burner with a low bulk density, unconventional and compressible solid fuel which includes: an entrance chamber (1) with a feeding hopper (5), an advancing chamber (2) for the forward moving of the fuel, consisting of a cylindrical pipe having inside at least one rotating screw (6), moved by an outer rotative engine; a pressing chamber (3) where inside the solid fuel is pressed by the screw (6); and a cutting device (4) put at exit of the chamber (6), connected to the rotating screw and bearing at least two self-sharpening blades (9). <IMAGE>

IPC 1-7

F23G 5/44; **F23G 5/02**

IPC 8 full level

F23G 5/44 (2006.01)

CPC (source: EP)

F23G 5/444 (2013.01); **F23G 2201/80** (2013.01); **F23G 2205/121** (2013.01); **F23G 2205/20** (2013.01); **F23G 2900/50209** (2013.01); **F23G 2900/50212** (2013.01)

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 0967438 A2 19991229; **EP 0967438 A3 20000308**; **EP 0967438 B1 20040414**; AT E264482 T1 20040415; DE 69916370 D1 20040519; ES 2217646 T3 20041101; IT 1301772 B1 20000707; IT MI981421 A1 19991222; PT 967438 E 20040831

DOCDB simple family (application)

EP 99110218 A 19990526; AT 99110218 T 19990526; DE 69916370 T 19990526; ES 99110218 T 19990526; IT MI981421 A 19980622; PT 99110218 T 19990526