

Title (en)

SOLID FUEL HEATING APPLIANCE

Title (de)

FESTBRENNSTOFFHEIZGERÄT

Title (fr)

APPAREIL DE CHAUFFAGE À COMBUSTIBLE SOLIDE

Publication

EP 3128232 A1 20170208 (EN)

Application

EP 15425059 A 20150803

Priority

EP 15425059 A 20150803

Abstract (en)

A solid fuel heating appliance, comprising a burner (40) and a related solid fuel combustion chamber, within which is blown, through a pipe (27), air taken from outside for the ignition of said solid fuel, said ignition occurring through the powering of at least two adjacent electrical resistors (26); the burner (40) includes a shaped basket (2), which is coupled with a conveyor (4), a frontal mouthpiece (3) and a fixing plate (5), which has a shaped duct (33) for sending air into the combustion chamber, while the shaped basket (2) is composed of a rotating ring (34), which is mounted in front of the electrical resistors (26) and which is mounted in front of a duct (17) carrying said solid fuel within the combustion chamber. The ring (34) is provided with slots (38) for passing through the solid fuel wastes and is mounted on a rotating shaft (31) which moves the ring (34) for prefixed time intervals and for prefixed rotation angles.

IPC 8 full level

F23B 30/04 (2006.01); **F23B 40/00** (2006.01)

CPC (source: EP)

F23B 30/04 (2013.01); **F23B 40/00** (2013.01)

Citation (search report)

- [XI] EP 2824049 A1 20150114 - CS THERMOS S R L [IT]
- [XI] EP 2144001 A1 20100113 - C S THERMOS S R L [IT]

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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