

Title (en)
SOLID FUEL HEATING APPLIANCE

Title (de)
FESTBRENNSTOFFHEIZGERÄT

Title (fr)
APPAREIL DE CHAUFFAGE À COMBUSTIBLE SOLIDE

Publication
EP 3128232 B1 20200325 (EN)

Application
EP 15425059 A 20150803

Priority
EP 15425059 A 20150803

Abstract (en)
[origin: EP3128232A1] 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 (examination)
IT 2014VI000044 A

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 3128232 A1 20170208; EP 3128232 B1 20200325

DOCDB simple family (application)
EP 15425059 A 20150803