

Title (en)

Heating appliance automatically supplied with solid fuel

Title (de)

Heizeinrichtung mit automatischer Zufuhr von Festbrennstoff

Title (fr)

Appareil de chauffage alimenté automatiquement en combustible solide

Publication

EP 1865254 A3 20081210 (EN)

Application

EP 07425358 A 20070607

Priority

IT PD20060234 A 20060609

Abstract (en)

[origin: EP1865254A2] Heating appliance automatically supplied with solid fuel, comprising a containing/sustaining structure, a combustion chamber provided inside such containing/sustaining structure for the burning of such solid fuel and introducing means supported by such containing/sustaining structure and connected to such combustion chamber for introducing such solid fuel into such combustion chamber, sustaining means set up in mobile fashion inside such combustion chamber to sustain such solid fuel during combustion and controlling means associated with such sustaining means to control such sustaining means, under conditions of insufficient solid fuel loading, into an activating position so to activate such introducing means to introduce such solid fuel to such combustion chamber. Such appliance solves the drawbacks encountered at the state of the art, as it is fitted with an automatic supply system for solid fuel having qualitatively variable shapes and characteristics.

IPC 8 full level

F23B 40/02 (2006.01); **F23B 60/00** (2006.01); **F23N 1/00** (2006.01)

CPC (source: EP)

F23B 40/02 (2013.01); **F23B 50/00** (2013.01); **F23B 60/00** (2013.01); **F23N 1/007** (2013.01); **F24B 1/199** (2013.01); **F23N 2239/02** (2020.01); **F23N 2241/02** (2020.01)

Citation (search report)

- [A] US 4669396 A 19870602 - RESH DALE R [US]
- [A] WO 0229326 A1 20020411 - SWEDISH BIOBURNER SYST AB [SE], et al
- [A] WO 0184048 A1 20011108 - SWEDISH BIOBURNER SYST AB [SE], et al
- [A] DE 3402787 A1 19860102 - WILHELM & SANDER GMBH [DE]
- [A] US 4881472 A 19891121 - STROMBERGER THOMAS [US], et al
- [A] AT 398826 B 19950227 - RAGGAM AUGUST DR TECHN [AT]

Cited by

EP2489941A1; ITVI20090219A1; AT15682U1; ITVI20110031A1; EP2469164A1; ITVI20100114A1; ITVI20110287A1; EP2799769A1; WO2010009612A1; WO2017076375A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 1865254 A2 20071212; **EP 1865254 A3 20081210**; **EP 1865254 B1 20091230**; AT E453834 T1 20100115; DE 602007004021 D1 20100211; DK 1865254 T3 20100329; IT PD20060234 A1 20071210; SI 1865254 T1 20100430

DOCDB simple family (application)

EP 07425358 A 20070607; AT 07425358 T 20070607; DE 602007004021 T 20070607; DK 07425358 T 20070607; IT PD20060234 A 20060609; SI 200730179 T 20070607