

Title (en)
Heating device for solid fuels

Title (de)
Heizvorrichtung für feste Brennstoffe

Title (fr)
Dispositif de chauffage pour combustibles solides

Publication
EP 2592340 A3 20171122 (DE)

Application
EP 12191797 A 20121108

Priority
DE 102011117950 A 20111108

Abstract (en)
[origin: EP2592340A2] The trigger (1) has a set of light passages (3) arranged between two hollow bodies (2) form nozzles for flue gases. A back plate (5) is arranged at a posterior end of the hollow bodies transverse to a flow direction (10). The hollow bodies comprise suction (4) over which the secondary air supplied by an interior of the hollow bodies flow and the flue gas is recirculated into the passages. A projection (6) is rearwardly projected to a part of the hollow bodies or to a separate control plate with an angle over the back plate such that the gases form a turning swirl (19) behind the projection. The hollow bodies are two-piece hollow bodies. Independent claims are also included for the following: (1) a solid fuel heating device (2) a method for constructing a primary trigger.

IPC 8 full level
F23B 80/04 (2006.01); **F23B 10/02** (2011.01); **F23L 9/04** (2006.01)

CPC (source: EP)
F23B 10/02 (2013.01); **F23B 80/04** (2013.01); **F23L 9/04** (2013.01); **F24B 5/025** (2013.01)

Citation (search report)

- [XAI] DE 4435749 A1 19960411 - POSCH HERIBERT [DE]
- [XY] DE 4435748 A1 19960411 - POSCH HERIBERT [DE]
- [Y] DE 40801 C

Cited by
EP3208542A1; FR3048072A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2592340 A2 20130515; EP 2592340 A3 20171122; DE 102011117950 A1 20130508; DE 102011117950 B4 20140925

DOCDB simple family (application)
EP 12191797 A 20121108; DE 102011117950 A 20111108