

Title (en)

Heating device with a combustion chamber for burning biomass material

Title (de)

Heizeinrichtung mit einem Brennraum zur Verbrennung von Brennmaterial auf Basis von Biomasse

Title (fr)

Dispositif de chauffage comprenant une chambre de combustion destinée à la combustion de matériau combustible à base de biomasse

Publication

EP 2500658 B1 20180704 (DE)

Application

EP 12159287 A 20120313

Priority

AT 3502011 A 20110314

Abstract (en)

[origin: EP2500658A2] The device (1) has a combustion chamber (2) for combustion of fuel from biomass. An exhaust port is provided for removal of particles generated by combustion, and flue gases. A flue gas outlet (33) is provided for transferring flue gas between heating device and peripheral discharge apparatus. A heat exchanger (34) is provided for extracting heat energy from flue gases. A flue gas blower is provided to blow flue gas in flue gas duct of heat exchanger. A metal profile is provided in the flue gas duct that is provided with two channel portions (36,37) that extend vertically side by side.

IPC 8 full level

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CPC (source: EP)

F23B 40/08 (2013.01); **F23B 80/04** (2013.01); **F24B 5/02** (2013.01); **F24B 7/005** (2013.01)

Cited by

EP2949992A1; CN110686311A; CN110974043A; CN113654037A; EP2775201A3

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