

Title (en)

Heating device for burning biomass

Title (de)

Heizeinrichtung zur Verbrennung von Biomasse

Title (fr)

Dispositif de chauffage destiné à la combustion de biomasse

Publication

EP 2500652 A3 20170607 (DE)

Application

EP 12159253 A 20120313

Priority

AT 3492011 A 20110314

Abstract (en)

[origin: EP2500652A2] The heater (1) has a combustion chamber for combustion of fuel on basis of biomass. An automated and automatically adjusted control element (45) is formed, which is designed and assigned to a flue gas duct of a heat exchanger (27) or to the combustion chamber such that the control element is automatically shifted in case of failure or break of an electric operating- or supply energy of the heater or of a flue gas fan (32). A flow path of the flue gas is narrowed starting from combustion chamber towards flue gas outlet (26) or the flow path through the flue gas duct of the heat exchanger.

IPC 8 full level

F23N 5/24 (2006.01); **F23B 80/04** (2006.01); **F24B 5/02** (2006.01)

CPC (source: EP)

F23B 80/04 (2013.01); **F23N 5/24** (2013.01); **F24B 5/02** (2013.01); **F23N 2231/04** (2020.01); **F23N 2239/02** (2020.01)

Citation (search report)

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- [A] CA 2494239 A1 20020207 - WOODLANE ENVIRONMENTAL TECHNOL [US]
- [Y] US 4856438 A 19890815 - PEUGH DEAN [US]
- [Y] EP 1653154 A1 20060503 - RUEEGG CHEMINEE AG [CH]
- [A] FR 2475707 A1 19810814 - SEVELEN METALLBAU [CH]
- [A] US 2252046 A 19410812 - STEELE WILLIAM L
- [E] EP 2878895 A1 20150603 - RIENER KARL STEFAN [AT]

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)

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