

Title (en)

Exhaust gas purification facility with a fine dust filter for biomass heating installation

Title (de)

Abgasreinigungsanlage mit Feinstaubfilter für Biomasse-Heizanlagen

Title (fr)

Installation de nettoyage des gaz d'échappement dotée d'un filtre à poussière fine pour installations de chauffage à biomasse

Publication

EP 1906090 A3 20140212 (DE)

Application

EP 07018217 A 20070915

Priority

DE 102006045363 A 20060926

Abstract (en)

[origin: EP1906090A2] The exhaust gas cleaning system (3) has a filter unit (4). The filter unit has an inlet for inflow of unpurified exhaust gas and an outlet for outflow of purified exhaust gas. The filter unit is connected downstream with the heating plant (2) by connecting unit. The filter unit is formed as pipe-shaped, fine particulate filtering particle filter (5). The particle filter has a high voltage-free device for detection an addition or long-term maintenance of functioning by decreasing the addition of the particle filter. An independent claim is also included for a heating system for the production of energy.

IPC 8 full level

F23J 15/02 (2006.01)

CPC (source: EP)

F23J 15/025 (2013.01); **F23J 2217/103** (2013.01); **F23J 2217/104** (2013.01)

Citation (search report)

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- [XA] US 6237587 B1 20010529 - SPARLING RALPH C [US], et al
- [IA] DE 19627028 A1 19980108 - SIEMENS AG [DE], et al

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NL2001058C2; CN113975952A; ITMI20100905A1; CN111298582A; WO2011095845A1

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)

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