

Title (en)
Mixed fuel heating system using wood

Title (de)
Kombi-Heizungsanlage mit Brennholz

Title (fr)
Système de chauffage mixte à bois

Publication
EP 2386799 B1 20131030 (FR)

Application
EP 11165414 A 20110510

Priority
FR 1053684 A 20100511

Abstract (en)
[origin: EP2386799A1] The system (1) has a combustion chamber i.e. wood log hearth (7), separated from another combustion chamber i.e. wood granule hearth (8), by a glass wall (19). The former chamber is closed in facade by another glass wall, where the glass walls are self-cleanable. A solid, slow heat diffusion and storage element partially covers the latter chamber. An electrical heating resistor is integrated in the solid element. A smoke box (10) is connected with a single-piece dual flow coupler (14) that is connected to a dual flow smoke evacuation duct and a flexible fresh air intake duct.

IPC 8 full level
F23B 10/00 (2011.01); **F24B 1/02** (2006.01)

CPC (source: EP)
F23B 10/00 (2013.01); **F23B 60/02** (2013.01); **F23B 80/04** (2013.01); **F24B 1/026** (2013.01); **F24B 1/024** (2013.01)

Cited by
EP3205940A1; AU2017379141B2; IT201800006598A1; ITUB20160756A1; US11060733B2; WO2015054981A1; WO2018113880A1

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

DOCDB simple family (publication)
EP 2386799 A1 20111116; EP 2386799 B1 20131030; FR 2960044 A1 20111118; FR 2960044 B1 20120615

DOCDB simple family (application)
EP 11165414 A 20110510; FR 1053684 A 20100511