

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 A1 20111116 (FR)

Application
EP 11165414 A 20110510

Priority
FR 1053684 A 20100511

Abstract (en)
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.

Abstract (fr)
Un système de chauffage mixte à bois par exemple comprend une première chambre de combustion (7) adaptée pour des bûches de bois et une seconde chambre de combustion (8) adaptée pour des granulés de bois. Une paroi vitrée sépare la première chambre de la seconde chambre de combustion pour limiter les déperditions de chaleur tout en offrant une vision panoramique d'une flamme dans chaque foyer.

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

CPC (source: EP)
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Citation (applicant)
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• EP 0930473 A2 19990721 - SCHOTT GLAS [DE], et al
• WO 2010033797 A1 20100325 - SAINT GOBAIN CERAMICS [US], et al
• WO 2008059300 A1 20080522 - FIREPLACE KFT [HU], et al
• EP 1327825 A1 20030716 - GRUPPO PIAZZETTA SPA [IT]
• US 5137012 A 19920811 - CROSSMAN JR WILLIAM W [US], et al
• DE 102005049276 A1 20070419 - WAMSLER HAUS UND KUECHENTECHNI [DE]
• WO 2004046614 A2 20040603 - HARK GMBH & CO KG KAMIN UND KA [DE], et al

Citation (search report)
• [XYI] EP 0930473 A2 19990721 - SCHOTT GLAS [DE], et al
• [Y] WO 2010033797 A1 20100325 - SAINT GOBAIN CERAMICS [US], et al
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• [Y] DE 102005049276 A1 20070419 - WAMSLER HAUS UND KUECHENTECHNI [DE]
• [A] WO 2004046614 A2 20040603 - HARK GMBH & CO KG KAMIN UND KA [DE], et al

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