

Title (en)
Heating device

Title (de)
Heizvorrichtung

Title (fr)
Dispositif de chauffage

Publication
EP 2615369 A1 20130717 (EN)

Application
EP 12151204 A 20120116

Priority
EP 12151204 A 20120116

Abstract (en)
Heating device comprising: - a primary fire chamber (2) for burning a fuel (F), such as wood, the primary chamber having an air inlet (7) and a flame outlet (14); - a secondary fire chamber (3) with a flame inlet (10) at the top of the chamber and a flue gas outlet (14); - air circulation means (18) for feeding air into the air inlet of the primary fire chamber wherein the secondary fire chamber is below the primary fire chamber with respect to the direction of gravity, wherein the flue gas outlet is arranged at a distance from the bottom (12) of the secondary fire chamber such that an ash (11) collection space is provided between the bottom of the secondary fire chamber and the flue gas outlet.

IPC 8 full level
F23B 90/06 (2011.01); **F23B 10/02** (2011.01); **F23B 50/06** (2006.01); **F23B 80/04** (2006.01)

CPC (source: EP)
F23B 10/02 (2013.01); **F23B 50/06** (2013.01); **F23B 80/04** (2013.01); **F23B 90/06** (2013.01)

Citation (applicant)
EP 0124945 A2 19841114 - VOORT EDUARD THOMAS JACOBUS V

Citation (search report)
• [XY] EP 0046152 A1 19820224 - FRITZEN GMBH & CO H & W [DE]
• [XY] NL 8900939 A 19901101 - EDUARD THOMAS JACOBUS VAN DER
• [X] US 4213404 A 19800722 - SPAULDING DAVID B [US]
• [X] EP 0798511 A2 19971001 - HOVAL INTERLIZ AG [LI]

Cited by
CN105066112A; CN105066111A; US10871285B2; EP4209708A1

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

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