

Title (en)

Method for adjusting the output of a solid fuel oven and oven with corresponding output adjustment

Title (de)

Verfahren zur Regelung der Leistung eines Festbrennstoffofens und Ofen mit einer entsprechenden Leistungsregelung

Title (fr)

Procédé de réglage de la puissance d'un four à carburant solide et four doté d'un réglage de la puissance correspondant

Publication

**EP 2228603 A3 20131211 (DE)**

Application

**EP 10000906 A 20100129**

Priority

DE 102009012905 A 20090312

Abstract (en)

[origin: DE102009012905B3] The method involves connecting a primary combustion chamber (10) with a flue gas course (60) by a passage opening (11), where the passage opening is locked by a flue gas flap (65). A secondary combustion chamber (20) is connected with the flue gas course through a secondary exhaust gas channel (25). A temperature sensor (28) is arranged in the secondary exhaust gas channel, where the temperature sensor regulates a primary air flow rate based on the temperature in the secondary exhaust gas channel, and a secondary air flow rate is kept constant. An independent claim is also included for a solid fuel furnace.

IPC 8 full level

**F24B 1/02** (2006.01); **F23B 10/00** (2011.01); **F23L 3/00** (2006.01); **F23L 9/00** (2006.01); **F24B 5/02** (2006.01)

CPC (source: EP US)

**F23B 10/00** (2013.01 - EP US); **F23B 80/04** (2013.01 - EP US); **F23N 3/007** (2013.01 - EP US); **F23N 5/025** (2013.01 - EP US); **F24B 1/026** (2013.01 - EP US); **F24B 5/026** (2013.01 - EP US)

Citation (search report)

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- [X] EP 0175794 A1 19860402 - WAMSLER HERD & OFEN GMBH [DE]
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Designated contracting state (EPC)

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 SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

**DE 102009012905 B3 20100121**; CA 2696157 A1 20100912; EP 2228603 A2 20100915; EP 2228603 A3 20131211; US 2010229768 A1 20100916

DOCDB simple family (application)

**DE 102009012905 A 20090312**; CA 2696157 A 20100312; EP 10000906 A 20100129; US 72192410 A 20100311