

Title (en)

Device and method for generating hot gas with integrated heating of a heat distribution medium

Title (de)

Vorrichtung und Verfahren zur Heißgaserzeugung mit integrierter Erhitzung eines Wärmeträgermediums

Title (fr)

Dispositif et procédé de production de gaz chaud avec chauffage intégré d'un fluide caloporteur

Publication

EP 2375152 A3 20140409 (DE)

Application

EP 11158981 A 20110321

Priority

DE 102010014479 A 20100409

Abstract (en)

[origin: EP2375152A2] The device has a brick-lined combustion chamber (1) for hot gas generation, where a boiler (6) is arranged in a direction of flow of hot gas behind the combustion chamber. The boiler is connected with the combustion chamber through a hot gas line (10), and is arranged for heating a heat transfer medium. A brick-lined hot gas cyclone (4) is arranged in the hot gas line between the combustion chamber and boiler. Independent claims are also included for the following: (1) a drying device, particularly for drying wood products and waste; and (2) a method for generating hot gas by integrated heating of a heat distribution medium, and for use in a drying device.

IPC 8 full level

F23G 5/46 (2006.01); **F23J 15/02** (2006.01)

CPC (source: EP)

F23G 5/46 (2013.01); **F23J 15/027** (2013.01); **F23G 2206/10** (2013.01)

Citation (search report)

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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

DOCDB simple family (publication)

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DE 102010014479 B4 20120112; ES 2620463 T3 20170628; HU E033510 T2 20171228; PL 2375152 T3 20170731

DOCDB simple family (application)

EP 11158981 A 20110321; DE 102010014479 A 20100409; ES 11158981 T 20110321; HU E11158981 A 20110321; PL 11158981 T 20110321