

Title (en)
Heat storage system

Title (de)
Wärmespeichersystem

Title (fr)
Système d'accumulation de chaleur

Publication
EP 2045528 B1 20130710 (DE)

Application
EP 08017092 A 20080929

Priority
DE 102007047583 A 20071004

Abstract (en)
[origin: EP2045528A1] The device has a set of storage rings (5, 6a, 6b) surrounding a flue gas evacuation and arranged individual to one another so that a length of a flue gas tract, a free cross section of the flue gas tract and mass of a heat storage material are separately adjustable by the selection and the number of the storage rings. A set of flue gas guiding elements is provided within the storage rings, where the flue gas guiding elements have same height as the storage rings. The flue gas guiding element consists of mineral construction material, metallic material, concrete or ceramics.

IPC 8 full level
F24B 7/00 (2006.01); **F24B 5/02** (2006.01)

CPC (source: EP)
F24B 5/02 (2013.01); **F24B 7/005** (2013.01)

Cited by
FR2982011A1; ITUD20100033A1; CN114992854A

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 MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 2045528 A1 20090408; EP 2045528 B1 20130710; DE 102007047583 A1 20090409; DE 102007047583 B4 20100506

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