

Title (en)
Heat recovery system

Title (de)
Wärmerückgewinnungssystem

Title (fr)
Système de retour de chaleur

Publication
EP 1923545 A3 20110105 (DE)

Application
EP 07113857 A 20070806

Priority
DE 102006037773 A 20060811

Abstract (en)
[origin: EP1923545A2] The heat recovery boiler system has an array (1), a bypass (2), and a gas deflector (3, 4). An opening (5) is provided to feed gas and an opening (6) is provided for the removal of the gas. A boiler area is rotational symmetric with the boiler area and arranged concentrically around the bypass and the deflector. A valve is provided to supply the gas in whole or in part. The deflector has a housing with a square cross section of substance and arranged with areas which move.

IPC 8 full level
F01K 13/00 (2006.01)

CPC (source: EP)
F28D 21/0003 (2013.01); **F28F 27/02** (2013.01); **F28D 7/024** (2013.01); **F28F 2250/06** (2013.01)

Citation (search report)

- [A] US 2005133202 A1 20050623 - JORGENSEN LARS S [DK], et al
- [A] US 4498524 A 19850212 - JACOBSEN ORVAL E [US]
- [A] GB 1173717 A 19691210 - VAPOR CORP [US]
- [A] WO 9964806 A1 19991216 - ALSTOM UK LTD [GB], et al

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CN104919268A; US2011180234A1; US9080816B2; WO2014098714A1; WO2010013053A2; EP2713136A1; US10526967B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 1923545 A2 20080521; **EP 1923545 A3 20110105**; **EP 1923545 B1 20110713**; AT E516423 T1 20110715; DE 102006037773 A1 20080214; DK 1923545 T3 20111024

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