

Title (en)
Vertical single-pass boiler with flue gas damper

Title (de)
Turmkessel mit Regelzug

Title (fr)
Chaudière verticale avec réglage du carneau

Publication
EP 1985918 A3 20090930 (DE)

Application
EP 07118092 A 20071009

Priority
DE 102006048538 A 20061013

Abstract (en)
[origin: DE102006048538A1] The generator (1) has a flue gas channel (4), which is arranged above heating surfaces of a heat exchanger. Separation walls (9, 19) divide a flue gas string (3) into two separated standard strings (10, 11) of a reheater. The standard strings have areas forming a flue gas channel, where one of the standard strings is attached to a control butterfly valve. A channel distribution element is arranged on a longitudinal axis of a drawn-in area. An independent claim is also included for a method for controlling a vapor outlet temperature of heating surfaces of a reheater.

IPC 8 full level
F22B 35/00 (2006.01); **F22G 5/04** (2006.01); **F22G 7/12** (2006.01)

CPC (source: EP)
F22B 35/001 (2013.01); **F22B 37/40** (2013.01); **F22G 5/04** (2013.01); **F22G 7/12** (2013.01)

Citation (search report)

- [XY] GB 807282 A 19590114 - BABCOCK & WILCOX LTD
- [X] GB 772566 A 19570417 - SIEMENS AG
- [X] US 2984984 A 19610523 - DICKEY PAUL S
- [XY] GB 662721 A 19511212 - COMB ENG SUPERHEATER INC

Cited by
CN108036298A; WO2019119384A1

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)
DE 102006048538 A1 20080417; AU 2007203229 A1 20080501; EP 1985918 A2 20081029; EP 1985918 A3 20090930

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DE 102006048538 A 20061013; AU 2007203229 A 20070711; EP 07118092 A 20071009