

Title (en)
Steam generator

Title (de)
Dampferzeuger

Title (fr)
Générateur de vapeur

Publication
EP 1710498 A1 20061011 (DE)

Application
EP 05007413 A 20050405

Priority
EP 05007413 A 20050405

Abstract (en)
The generator has an evaporator-passage heating surface (8) formed from evaporator pipes (6) and a superheater-heating surface (12) formed from superheater pipes (10) that are flow-medium sided downstream to the pipes (6). The surfaces are arranged in a heating gas channel (4). A water separating unit (30) is integrated in overflowing pipe sections (20) that connect the pipes (6) with the pipes (10) in a flow medium sided manner.

IPC 8 full level
F22B 29/06 (2006.01); **F22B 1/18** (2006.01)

CPC (source: EP US)
F22B 1/1815 (2013.01 - EP US); **F22B 29/06** (2013.01 - EP US)

Citation (search report)

- [XY] US 5293842 A 19940315 - LOESEL GEORG [DE]
- [XY] US 6192837 B1 20010227 - WITTCROW EBERHARD [DE]
- [Y] DE 4242144 A1 19940616 - SIEMENS AG [DE]
- [A] GB 691324 A 19530513 - BABCOCK & WILCOX LTD
- [A] US 3789806 A 19740205 - GORZEGNO W

Cited by
EP2180250A1; EP2182278A1; AU2009290944B2; EP2204611A1; CN102171513A; US8701602B2; WO2010029100A3; WO2010029022A3; WO2010029033A3; US9267678B2

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1710498 A1 20061011; AR 053572 A1 20070509; AU 2006232687 A1 20061012; AU 2006232687 B2 20110616; BR PI0609735 A2 20100427; CA 2603934 A1 20061012; CA 2603934 C 20131015; CN 101384854 A 20090311; CN 101384854 B 20101208; EP 1926934 A2 20080604; JP 2008534909 A 20080828; JP 4833278 B2 20111207; MY 146130 A 20120629; RU 2007140865 A 20090520; RU 2397405 C2 20100820; TW 200702598 A 20070116; TW I356891 B 20120121; UA 89523 C2 20100210; US 2009071419 A1 20090319; US 8297236 B2 20121030; WO 2006106079 A2 20061012; WO 2006106079 A3 20080410; ZA 200708412 B 20091028

DOCDB simple family (application)
EP 05007413 A 20050405; AR P060101341 A 20060405; AU 2006232687 A 20060331; BR PI0609735 A 20060331; CA 2603934 A 20060331; CN 200680015579 A 20060331; EP 06743231 A 20060331; EP 2006061225 W 20060331; JP 2008504750 A 20060331; MY PI20061547 A 20060405; RU 2007140865 A 20060331; TW 95111862 A 20060404; UA A200710991 A 20060331; US 88785906 A 20060331; ZA 200708412 A 20071002