

Title (en)  
Heat recovery steam generator

Title (de)  
Abhitzedampferzeuger

Title (fr)  
Générateur de vapeur à récupération de chaleur

Publication  
**EP 1710499 A1 20061011 (EN)**

Application  
**EP 05020211 A 20050916**

Priority  
IT MI20050104 A 20050126

Abstract (en)  
A heat recovery steam generator (10, 110, 210) comprises a heat exchange unit (12) in which, in normal operative conditions, is defined a hot portion (16), with high metal temperatures and high temperatures of the water/steam mixture enclosed there, and a relatively cool portion (18, 20), with lower metal temperatures and lower temperatures of the water/steam mixture enclosed there, with respect to those of said hot portion (16); substantially shutter-shaped means (32, 132, 232) are interposed between said hot portion (16) and said relatively cool portion (18, 20) in order to thermally insulate said hot portion (16) from said relatively cool portion (18, 20), said substantially shutter-shaped means (32, 132, 232) being at least partially removable in order to put said hot portion (16) and said relatively cool portion (18, 20) again in fluid communication with each other.

IPC 8 full level  
**F22B 37/00** (2006.01); **F22B 1/18** (2006.01)

CPC (source: EP)  
**F22B 1/1815** (2013.01); **F22B 37/00** (2013.01)

Citation (search report)

- [X] US 5423272 A 19950613 - DUNN JR THOMAS J [US], et al
- [X] CH 174774 A 19350131 - SULZER AG [CH]
- [A] US 5189988 A 19930302 - BUDIN KURT [US], et al
- [A] PATENT ABSTRACTS OF JAPAN vol. 011, no. 030 (C - 400) 29 January 1987 (1987-01-29)

Cited by  
EP2434214A1

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 NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1710499 A1 20061011**; **EP 1710499 B1 20091111**; AT E448445 T1 20091115; DE 602005017578 D1 20091224; ES 2336455 T3 20100413; IT MI20050104 A1 20060727

DOCDB simple family (application)  
**EP 05020211 A 20050916**; AT 05020211 T 20050916; DE 602005017578 T 20050916; ES 05020211 T 20050916; IT MI20050104 A 20050126