

Title (en)
A boiler

Title (de)
Kessel

Title (fr)
Chaudière

Publication
EP 0800037 A3 19981111 (EN)

Application
EP 97610006 A 19970325

Priority
DK 39296 A 19960403

Abstract (en)
[origin: EP0800037A2] The boiler comprises a roof and two side walls (22, 25) formed as membrane walls each having a lower header (23, 26) at the bottom and being connected at the top with at least one upper header (27). The boiler has at least one suspended heating surface section comprising several heating surface tubes (30) supported at the top and passed from the roof down to lower headers lying crosswise in the boiler. The roof in the boiler is a membrane wall (28), and the heating surface tubes extend uninterruptedly from one lower header up through and above the roof and return through the roof to an adjacent lower header, and have been passed in a gastight and longitudinally displaceable manner through the membrane wall of the roof. <IMAGE> <IMAGE>

IPC 1-7
F22B 37/14

IPC 8 full level
F22B 37/10 (2006.01); **F22B 37/14** (2006.01); **F22B 37/20** (2006.01); **F22G 7/14** (2006.01)

CPC (source: EP)
F22B 37/105 (2013.01); **F22B 37/148** (2013.01); **F22B 37/202** (2013.01); **F22G 7/14** (2013.01)

Citation (search report)

- [A] DE 2238240 A1 19730607 - WAAGNER BIRO AG
- [A] US 2477950 A 19490802 - BAILEY ERVIN G
- [A] DE 8707700 U1 19870813
- [A] US 3277871 A 19661011 - BLUM ERDMAN A, et al
- [A] FR 1054340 A 19540209 - BABCOCK & WILCOX FRANCE
- [A] US 4607690 A 19860826 - SESHAMANI VENKATRAMAN [US]
- [A] PATENT ABSTRACTS OF JAPAN vol. 018, no. 446 (M - 1659) 19 August 1994 (1994-08-19)

Cited by
CN100439796C; EP0965810A1; FR2780150A1; US6126120A; US7240640B2

Designated contracting state (EPC)
AT DE DK ES FI FR GB IE IT NL PT SE

DOCDB simple family (publication)
EP 0800037 A2 19971008; EP 0800037 A3 19981111; DK 172592 B1 19990208; DK 39296 A 19971004

DOCDB simple family (application)
EP 97610006 A 19970325; DK 39296 A 19960403