

Title (en)

Device for producing steam as well as its cleaning method and method for operating the same

Title (de)

Einrichtung zur Erzeugung von Dampf sowie Verfahren zum Reinigen und Verfahren zum Betrieb derselben

Title (fr)

Dispositif de production de vapeur ainsi que son procédé de nettoyage et sa méthode d'opération

Publication

EP 1437547 A3 20050504 (DE)

Application

EP 04000045 A 20040105

Priority

DE 10301450 A 20030109

Abstract (en)

[origin: EP1437547A2] The steam generator (11) has an electric heater (16) covered with water (15). There is a low-level sensor (31) and a high-level sensor (32). There is a control valve (23) in the cold water inlet (22) at the top of the chamber (13). There is a steam outlet (20) at the top of the chamber and a water overflow outlet (25) at the bottom of the chamber. The pipe leading from the water overflow outlet forms an S-bend siphon (27) with two 180 degree bends (28,29) and an outlet (30) below the bottom of the water chamber.

IPC 1-7

F22B 1/28; **F22B 37/54**

IPC 8 full level

F22B 1/28 (2006.01)

CPC (source: EP)

F22B 1/284 (2013.01)

Citation (search report)

- [X] EP 0383327 A1 19900822 - LECHMETALL LANDSBERG GMBH [DE]
- [X] US 4705936 A 19871110 - FOWLER JAMES M [US]
- [X] EP 0280782 A1 19880907 - SCHOENMANN & CO AG E [CH]
- [A] EP 0511525 A1 19921104 - C AR EL COSTRUZIONE ARMADI ELE [IT]
- [A] DE 4029511 A1 19920319 - EGO ELEKTRO BLANC & FISCHER [DE]

Cited by

US7419645B2; US2016150906A1; CN110594716A; EP4137015A1; EP1514563A1; KR20160063842A; US10851989B2; EP2966359A4; CN105190182A; US10492637B2; US10844533B2; US11993886B2

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