

Title (en)
Steam generator

Title (de)
Dampferzeuger

Title (fr)
Générateur de vapeur

Publication
EP 0843039 B1 20011128 (FR)

Application
EP 97420211 A 19971113

Priority
FR 9614041 A 19961113

Abstract (en)
[origin: EP0843039A1] A steam generator consists of a chamber (12) with heating elements (13), fed with water by a pump (11) and equipped with an electrically- controlled valve (15) for expelling steam. It also has a regulator in the form of a temperature or pressure sensor (14) to monitor the amount of water in the chamber and to actuate the pump. The regulator is connected to an electronic system which carries out a succession of measures and operates the pump as a function of the temperature or pressure in the chamber (12). The chamber can comprise a metal container (12a) in thermal contact with the sensor (14), which incorporates an electrical resistance such as a thermistance, and the heating elements are controlled by the electronic system on the basis of data supplied by the sensor.

IPC 1-7
D06F 75/12; F22B 1/28

IPC 8 full level
D06F 75/12 (2006.01); **F22B 1/28** (2006.01)

CPC (source: EP)
D06F 75/12 (2013.01); **F22B 1/285** (2013.01)

Cited by
US9593975B2; DE102017210030A1; EP2511417A1; US2017016173A1; CN110547735A; EP1441175A3; CN102373615A; CN112981849A; EP1942221A3; EP1300659A1; ES2350210A1; EP1300503A1; FR2830267A1; CN103309393A; CN105088735A; ITUD20110202A1; CN103300797A; CN104114760A; EP1975308A1; US2010107886A1; RU2503762C2; US8616157B2; US9232568B2; EP1669668A4; CN106164366A; JP2017511459A; RU2675098C2; WO2013088236A3; WO2008120130A1; WO2012019543A1; US7805867B2; US9677757B2; GB2463166A; GB2463168A; GB2463166B; FR2974121A1; CN102733161A; WO2011130953A1; WO2014032400A1; WO2004005605A1; WO2014012578A1; WO2015150303A1; KR101465608B1; US7743632B2; US7797777B2; EP3382089A1; US9404649B2; EP2511417B1

Designated contracting state (EPC)
AT CH DE ES FR GB GR IT LI PT

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