

Title (en)

Steam generator with automatic water loading system

Title (de)

Dampferzeugung mit automatischem Wasserbeladungssystem

Title (fr)

Générateur de vapeur avec système automatique de chargement d'eau

Publication

EP 1221570 A2 20020710 (EN)

Application

EP 01129045 A 20011207

Priority

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Abstract (en)

The present invention concerns an automatic system for loading water into a steam generating boiler normally used in appliances which use steam for carrying out their domestic or industrial functions, such as machines for domestic and industrial cleaning, ironing systems, pressure cleaners, extraction hydrojets, combined extractors etc. The components of the system comprise: cold water tank (1), level gauge for the water in the cold water tank (2), acoustic indicator (3), motor pump (4), priming and vacuum valve (5), boiler (6), main heating resistance (7), fuse (8), pressure switch (9), solenoid valve (10), safety valve (11), pilot resistance (12), motor pump control thermostat (13), remote control button (14), area for controlling the water level in the boiler (15). There may be a water level probe comprising a thermoconductive body, an electric heating resistance and a thermostat. <IMAGE>

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F22B 1/28

IPC 8 full level

D06F 75/12 (2006.01); **F22B 1/28** (2006.01)

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Cited by

ITMI20090791A1; ES2719765A1; CN110345460A; EP1619291A1; CN114081341A; GB2455647B; GB2455647A; WO2008129119A1; GB2463166A; GB2463168A; GB2410788A; GB2463166B; ITBS20080144A1; WO2005024300A3; WO2009011607A3; WO2011097863A1; EP2295627B2

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