

Title (en)  
Improvement of steam generators for household use.

Title (de)  
Dampferzeuger für den Haushaltsgebrauch.

Title (fr)  
Générateur de vapeur à usage domestique.

Publication  
**EP 0638767 A1 19950215 (EN)**

Application  
**EP 93500068 A 19930521**

Priority  
ES 9301084 A 19930520

Abstract (en)  
Improvements for steam generators for household use. These machines are made up of a casing (1) which includes a water deposit (2) with an external inlet for filling and an internal conduit that leads to a boiler (8) with a heating element (9). An injection pump (5) has been placed in this conduit so that water can be sent to the boiler even when pressure inside the boiler builds up. A level meter (12) has been placed inside the boiler, and it activates or turns off the pump if the level drops or depending on the pre-established level inside the boiler. A steam outlet (14) goes from the boiler through a line valve to the outside, this line valve is regulated with the controls on the panel on the casing. Since the water deposit and the boiler are independent, the machine can be filled even when it is being used and the time needed to heat the water is reduced since the boiler where the steam is produced has less capacity. A vacuuming device has also been added on and it picks up the dirt dissolved in the condensed water sending it to an expansion chamber. <IMAGE>

IPC 1-7  
**F22B 1/28**; **A47L 11/34**

IPC 8 full level  
**A47L 11/34** (2006.01); **F22B 1/28** (2006.01)

CPC (source: EP)  
**A47L 11/34** (2013.01); **A47L 11/4086** (2013.01); **F22B 1/285** (2013.01)

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Designated contracting state (EPC)  
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