

Title (en)

Boiler to generate steam in domestic appliances and professional machines, such as ironing or cleaning apparatuses or suchlike

Title (de)

Dampfzeuger für die Erzeugung von Dampf in Haushaltsgeräten und professionellen Geräten, wie Bügel- oder Reinigungsvorrichtungen oder dergleichen

Title (fr)

Chaudière pour la production de vapeur dans des appareils électroménagers et appareils professionnelles, comme dispositifs de repassage ou nettoyage ou similaire

Publication

**EP 1479970 A1 20041124 (EN)**

Application

**EP 03011605 A 20030522**

Priority

EP 03011605 A 20030522

Abstract (en)

Boiler to generate steam in domestic appliances and professional machines, such as ironing or cleaning apparatuses or suchlike, comprising a container (12) able to contain water and connected to feed means (38) able to introduce water inside the container (12), and at least a heat generator (14) to heat the water inside the container (12) and transform it into steam. A water circuit (16), arranged outside the container (12), communicates therewith, so that the same water level (L) present in the container (12) is established in the water circuit (16). Sensor means (18) are associated with the water circuit (16) in correspondence with a pre-determined level (S) and are connected to at least the feed means (38). The sensor means (18) are of the capacitive type and are able to detect at least the presence of the water, in correspondence with the pre-determined level (S), in order to command the feed means (38). <IMAGE>

IPC 1-7

**F22B 1/28**

IPC 8 full level

**F22B 1/28** (2006.01)

CPC (source: EP)

**F22B 1/285** (2013.01)

Citation (search report)

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- [A] EP 0887588 A2 19981230 - HOT LINE S R L [IT]
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EP1795109A3; EP2369227A3; WO2014171908A3; US7917991B2; US8601638B2

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