

Title (en)

A device for supplying superheated water

Title (de)

Ein Gerät zur Versorgung mit überhitztem Wasser

Title (fr)

Dispositif pour la fourniture d'eau surchauffée

Publication

**EP 1944404 A1 20080716 (EN)**

Application

**EP 06126366 A 20061218**

Priority

EP 06126366 A 20061218

Abstract (en)

A device (1) for supplying superheated water, comprising a container (3) for containing water, and a heating element (5) for heating water in the container to a superheated state. During use the water in the container is superheated, by the heating element typically 120 to 140 °C. The pressure in the container is suppressing the evaporation of the water. If this superheated water is released from the container via a water outlet (7) for letting out superheated water, it evaporates due to decrease of pressure when leaving the container. As a result the amount of steam generated by the device is increased. The invention is further related to a domestic appliance comprising a device for supplying superheated water.

IPC 8 full level

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

CPC (source: EP US)

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Citation (search report)

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DOCDB simple family (publication)

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DOCDB simple family (application)

**EP 06126366 A 20061218**; BR PI0721351 A 20071212; CN 200780046663 A 20071212; EP 07849447 A 20071212; IB 2007055049 W 20071212; JP 2009542297 A 20071212; RU 2009127790 A 20071212; US 51865107 A 20071212