

Title (en)

Portable device for steam cleaning hard or flexible surfaces

Title (de)

Handgerät zur Dampfreinigung von festen oder weichen Oberflächen

Title (fr)

Appareil portable de nettoyage à la vapeur de surfaces dures ou souples

Publication

EP 0875194 B1 20030319 (FR)

Application

EP 98401033 A 19980428

Priority

FR 9705226 A 19970428

Abstract (en)

[origin: EP0875194A1] A moulded casing (101), with a hand-grip hole (102), houses a detergent tank (19) and steam generator (103), connected to an applicator head near the water filler (13A). The detergent, controlled by a trigger in the hand-hole, is injected through a venturi tube in the steam nozzle. The vapour generator is based on U-shaped sheathed, resistive 1200 Watts element (2), thermostatically controlled, embedded in a finned aluminium plate overlaid with capillary fibres. These form part of a larger body of rock-wool fibres, compressed within a moulded, perforated (61,71) case (6,7), in turn enclosed by a sealed outer case (10) connected (12) to the steam nozzle. The capillary storage system thus constituted allows steam to be generated at atmospheric pressure at any given attitude.

IPC 1-7

A47L 1/08; **A47L 11/34**; **A47L 11/38**; **H05B 3/50**

IPC 8 full level

A47L 1/08 (2006.01); **A47L 11/34** (2006.01); **F22B 1/28** (2006.01)

CPC (source: EP US)

A47L 1/08 (2013.01 - EP US); **A47L 11/34** (2013.01 - EP US); **A47L 11/4086** (2013.01 - EP US); **F22B 1/284** (2013.01 - EP US)

Cited by

DE10351878B3; CN105358030A; EP3141174A1; CN105581743A; CN105581744A; CN105581745A; WO2015001292A1; DE202014010673U1; DE202014010671U1; DE202014010679U1

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