

Title (en)
Device for micro-spraying liquids

Title (de)
Einrichtung zur Feinzerstäubung von Flüssigkeiten

Title (fr)
Dispositif de pulvérisation fine de liquides

Publication
EP 0593900 B1 19971119 (DE)

Application
EP 93114730 A 19930914

Priority
DE 4231826 A 19920923

Abstract (en)
[origin: EP0593900A2] The novel device (1) for the micro-spraying (atomisation) of liquids (2) is distinguished by a particular combination of features which are partly known per se. For example, a combination switch (18) is provided with which the drive motor (4) for the pump (5) is operated for the spray capacity and simultaneously the pressure equalisation in the receiving vessel (7) of the liquid is effected. Furthermore, a chamber for accommodating batteries (16) is provided above the drive motor (4) with pump (5). Finally, the suction line (39), formed from an elastic material, in the receiving vessel (7) is provided with an annular or helical shape, as a result of which liquid removal is possible even with the receiving vessel (7) in the tilted or upside down position. <IMAGE>

IPC 1-7
B05B 9/08

IPC 8 full level
B05B 9/08 (2006.01); **B05B 15/00** (2006.01); **B05B 15/30** (2018.01)

CPC (source: EP US)
B05B 9/0866 (2013.01 - EP US); **B05B 15/30** (2018.02 - EP US)

Cited by
EP2153906A1; EP1767279A3; EP1795268A1; DE19907340B4; US7568637B2; US7328859B2; US7588198B2; US7648083B2; US7384006B2; US7562834B2; WO0048640A2; US8602386B2

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