

Title (en)

Apparatus for spraying liquids, and disposable containers and liners suitable for use therewith

Title (de)

Vorrichtung zum Zerstäuben von Flüssigkeiten, Einwegbehälter und Behälterinliner dafür

Title (fr)

Dispositif pour la pulvérisation de liquides, et réservoirs et garnitures internes aux réservoirs jetables

Publication

**EP 1611960 A1 20060104 (EN)**

Application

**EP 05020408 A 19980114**

Priority

- EP 98901823 A 19980114
- GB 9701447 A 19970124
- GB 9712784 A 19970618

Abstract (en)

A fluid reservoir (11) comprises a container (12) capable of standing unsupported on its base end so that it can be filled with fluid through an opening opposite the base end, and a lid (15) to close the opening. The reservoir (11) containing fluid is attached to a gravity fed spray gun (1) by inverting the spray gun (1) from its normal operating position (Figure 6) to an inverted position (Figure 5) in which the spray gun (1) is connectable to an outlet in the lid (15) above the level of the fluid in the container (12). The spray gun (1) can then be inverted to its normal operating position with the reservoir (11) mounted thereon and the outlet in the lid (15) below the level of fluid in the container (12). The spray gun (1) can then be operated to transfer fluid from the reservoir (11) to the spray gun (1) through the outlet in the lid (15). The container (12) may collapse as fluid is withdrawn and/or may be collapsible for disposal.

IPC 8 full level

**B05B 7/24** (2006.01); **B05B 15/06** (2006.01)

CPC (source: EP KR US)

**B05B 7/24** (2013.01 - EP KR US); **B05B 7/2408** (2013.01 - EP); **B05B 7/2478** (2013.01 - EP); **B05B 7/2481** (2013.01 - EP); **B05B 15/62** (2018.01 - US)

Citation (applicant)

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Citation (third parties)

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**EP 1415719 A1 20040506; EP 1415719 B1 20061129**; CA 2660187 A1 19980730; CA 2660187 C 20130709; DE 69841278 D1 20091217; EP 1435265 A2 20040707; EP 1435265 A3 20041103; EP 1435265 B1 20091104; EP 1435265 B2 20130306; EP 1579922 A1 20050928; EP 1579922 B1 20120418; EP 1611960 A1 20060104; EP 1611960 B1 20170830; EP 2090373 A2 20090819; EP 2090373 A3 20111102; EP 2090373 B1 20140618; EP 2090373 B2 20200318; EP 2105208 A2 20090930; EP 2105208 A3 20111102; EP 2105208 B1 20130227; ES 2386145 T3 20120810; ES 2406109 T3 20130605; ES 2491518 T3 20140908; ES 2497497 T3 20140923; ES 2504218 T3 20141008; GB 9701447 D0 19970312; GB 9712784 D0 19970820; HK 1085688 A1 20060901; KR 100497450 B1 20050701; KR 20000070405 A 20001125

DOCDB simple family (application)

**EP 03020831 A 19980114**; CA 2660187 A 19980114; DE 69841278 T 19980114; EP 04002190 A 19980114; EP 05010707 A 19980114; EP 05020408 A 19980114; EP 09006815 A 19980114; EP 09006817 A 19980114; ES 05010707 T 19980114; ES 08103274 T 19980114; ES 09006815 T 19980114; ES 09006816 T 19980114; ES 09006817 T 19980114; GB 9701447 A 19970124; GB 9712784 A 19970618; HK 06103279 A 20000428; KR 19997006639 A 19990723