

Title (en)

Multiple nozzle liquid spray gun

Title (de)

Flüssigkeitssprühpistole mit mehreren Düsen

Title (fr)

Pistolet de pulvérisation de liquide à buses multiples

Publication

EP 0650767 B1 19980624 (EN)

Application

EP 94830513 A 19941028

Priority

IT BO930430 A 19931029

Abstract (en)

[origin: EP0650767A1] The spray-gun concerned comprises the following: a handle (3) equipped with a trigger (4) having an active portion (4a) inside the handle (3) itself and an external portion (4b) that may be operated by hand, and a front extension (5); a revolving block (6) rotatably coupled to the extension (5) and mounting a liquid dispensing unit (8) that comprises a cover (9) for closing the end of the extension (5) and nozzles (1) connected to corresponding dispensing cylinders (10); by turning the revolving block (6), each cylinder (10) may be lined up as necessary with the internal, section of the trigger (4); the liquid dispensing unit in the revolving block (6) also has a first tube (12) for each cylinder (10) and connecting the latter to a corresponding second tube (13) which feeds the liquid to be sprayed; compressive means (15) are located between the active end of the trigger (4) and the corresponding cylinder (10) in order to force the liquid out of the cylinder (10) towards the nozzle (1); finally, spring means (16) are envisaged to operate on the compressive means (15) in such a way as to determine a force counteropposing the force of the liquid discharge pressure. <IMAGE>

IPC 1-7

B05B 11/00; **B05B 7/24**; **B05B 7/08**

IPC 8 full level

B05B 7/08 (2006.01); **B05B 7/24** (2006.01); **B05B 11/00** (2006.01)

CPC (source: EP)

B05B 7/0892 (2013.01); **B05B 7/2464** (2013.01); **B05B 7/2472** (2013.01); **B05B 11/1011** (2023.01); **B05B 11/1074** (2023.01); **B05B 11/1084** (2023.01); **B05B 11/1087** (2023.01)

Cited by

CN107583777A; FR2902088A1; FR2733800A1; ITBO20120211A1; CN111013847A; EP4186599A1; ES2954131A1

Designated contracting state (EPC)

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