

Title (en)
Sprayer head assembly.

Title (de)
Sprühkopfanordnung.

Title (fr)
Ensemble de tête de pulvérisation.

Publication
EP 0553505 A1 19930804 (EN)

Application
EP 92200286 A 19920131

Priority
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Abstract (en)
A sprayer head assembly includes a substantially cylindrical hollow body (2) with an opening formed at one end thereof, defining a chamber (24) therein. A central circular recess (53) and four peripheral conical recesses (55) are formed on an inner wall of the other end of the cylindrical hollow body (2). Each peripheral conical recess (55) is in fluid communication with the central circular recess (53) and has a nozzle (56) through which fluid is outputted. A helical slot (22) is formed in a periphery of the cylindrical hollow body (22). The sprayer head assembly further includes an adjusting member (30) displaceably received in the chamber (24). The adjusting member (30) includes a fluid passage (31) and a socket (38) for coupling with an inlet pipe (52) through which fluid is applied. A flange (32) is formed on an upper portion of the adjusting member (30) with an annular groove (33) formed therein for receiving an O-ring (4). An elastic arm (30) extends downward from the flange (32) with an adjusting knob (35) at a distal end thereof. The adjusting knob (35) is movable along the helical slot (22) to vary the volume of the chamber (24), thereby varying the output sprays. <IMAGE>

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IPC 8 full level
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B05B 1/14 (2013.01); **B05B 1/3033** (2013.01); **B05B 1/3436** (2013.01)

Citation (search report)
• [Y] EP 0353984 A2 19900207 - CHENG YAP YOEN
• [Y] US 4930704 A 19900605 - CHEN TENG C [TW]
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