

Title (en)
Manual fluid dispenser

Title (de)
Handbetätigbare Austragvorrichtung für Medien

Title (fr)
Distributeur manuel pour fluide

Publication
EP 0309010 B1 19960214 (DE)

Application
EP 88201492 A 19880705

Priority
• DE 3722469 A 19870708
• DE 3722470 A 19870708

Abstract (en)
[origin: WO8900085A1] In a hand-operated applicator (1), the medium pump (2) which conveys the medium has an extender in the form of a compressed air pump (50) located in a cap-shaped common handle (22) connected coaxially and directly to the outer end of the medium pump (2). The compressed air pump (50) forces compressed air through a compressed air channel (90), which is separate from the medium conveying system and produces finer spray, into the application nozzle (25) or into other areas of the applicator, for example into the medium discharge channel (24), so that this channel can also be cleaned by purging. The compressed air pump (50) can be designed so that it begins conveying compressed air before the medium pump (2) starts conveying the medium and stops conveying compressed air after the medium pump (2) stops conveying the medium. In addition, an at least two-stage atomizer (100) for additional atomization of a previously atomized medium flow with an air flow from the nozzle is advantageously provided in the region of the applicator nozzle (25).

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IPC 8 full level
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