

Title (en)
FLUID DISPENSER

Publication
EP 0289855 A3 19891206 (DE)

Application
EP 88106258 A 19880420

Priority
DE 3715301 A 19870508

Abstract (en)
[origin: US5011046A] In a dispenser a manually operable thrust piston pump (2) has a presuction piston (11) located with a limited spacing within a pump piston (10) and which in the manner of a telescopic tube engages over a cylindrical, freely projecting chamber body (15) and consequently bounds a presuction chamber (17) constantly connected by a line to a container and whose length and volume are significantly greater than that of a pump chamber (20) surrounding presuction chamber (17). The two working pistons slideably guided on one another form valve closures of an outlet valve (23) controlled by pressure difference and which at the end of the pump travel and in addition to said control, can be mechanically opened by a dog (40) positionally variable by means of a compressible neck (29) for venting the pump chamber (14).

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CPC (source: EP US)
B05B 11/0097 (2013.01 - EP US); **B05B 11/1018** (2023.01 - EP US); **B05B 11/1019** (2023.01 - EP US)

Citation (search report)
• [X] DE 2732888 A1 19790201 - ZELLER PLASTIK KOEHN GRAEBNER
• [A] DE 2749644 A1 19781130 - COSTER TECNOLOGIE SPECIALI SPA
• [A] EP 0014754 A1 19800903 - CALMAR ALBERT GMBH [DE]

Cited by
FR2950256A1; CN116539818A; DE3929064A1; EP0342651A1; GB2286230A; GB2286230B; EP0430431A3; US4986453A; US5664706A; US5443185A; US5655688A; AU693834B2; US5284276A; EP2000219A1; US8056772B2

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