

Title (en)  
FINGER SPRAY PUMP

Title (de)  
FINGERSPRAYPUMPE

Title (fr)  
POMPE DE PULVÉRISATION À DOIGT

Publication  
**EP 3186012 A2 20170705 (DE)**

Application  
**EP 15762493 A 20150820**

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Abstract (en)  
[origin: WO2016030266A2] The invention relates to a finger spray pump (1) for spraying a medium (M), which comprises a finger-actuated pump head (4), an outlet nozzle (11) and a pump chamber (36) which comprises an inlet valve (E) and a pump piston (13) which can be moved by moving the pump head (4). The medium (M) passes through a medium path (11) between the pump chamber (36) and outlet nozzle (10), additionally, the pump piston (13) forms, in cooperation with a piston rod (6), an outlet valve (A) and said pump piston (13) can be moved with respect to the piston rod (6) counter to the force of a first spring (F1 ) for actuating the outlet valve (A), said piston rod (6) can be moved counter to the force of a second spring (F 2 ). Additionally, both springs (F1 and F 2 ) are arranged outside of the medium path (11). In order to obtain a compact design, both springs (F1 and F 2 ) are arranged at a distance from each other, axially independent from the pump position. Alternatively or additionally, the pump cylinder (15) is connected on the upper side to a latching part (19) and said latching part (19) is designed to support a pump head spring (24) which supports the pump head (4) with respect to the pump cylinder (15).

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