

Title (en)
DISPENSER FOR LIQUIDS

Title (de)
SPENDER FÜR FLÜSSIGKEITEN

Title (fr)
DISTRIBUTEUR POUR LIQUIDES

Publication
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Application
EP 14805561 A 20141127

Priority
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Abstract (en)
[origin: WO2015106868A1] 2. Fluid dispenser for the discharge of pharmaceutical or cosmetic fluids. 2.1 Fluid dispensers for the discharge of pharmaceutical or cosmetic fluids are known, which comprise a fluid reservoir (12), in which the fluid is stored prior to discharge, an outlet channel (42) through which the fluid can be dispensed to an environment, a pump chamber (60) which, starting from an initial state with maximum pump chamber volume, can be volumetrically reduced by a manual pump activation by means of an activation handle (40), wherein an inlet valve arrangement (70) is provided between the fluid reservoir (12) and the pump chamber (60), which valve arrangement opens in a pressure regulated manner when a negative pressure exists in the pump chamber (60) with respect to the fluid reservoir (12), and wherein an outlet valve arrangement (80) is provided between the pump chamber (60) and the discharge opening (42). 2.2 An outlet valve arrangement (80) is proposed which comprises a switching valve (84; 86; 88) that is mechanically compelled to open in reaction to a displacement of the activation handle (40) and independent of the fluid pressure in the pump chamber (60). 2.3 The use in particular for fluid dispensers with fluid reservoirs that are variable in volume.

IPC 8 full level
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