Title (de)

## FLÜSSIGKEITSSPENDER

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DISTRIBUTEUR DE LIQUIDE
Publication
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Abstract (en)
[origin: WO2019011622A1] Discharge heads (10) for liquids dispensers (100) for discharging pharmaceutical or cosmetic liquids are known. Such discharge heads (10) have a base (20) and an actuation handle (40) which can be pressed down relative to the base (20). A liquid inlet (22) for connecting to a liquid store and a discharge opening (44) for dispensing liquid are provided. Furthermore, such a discharge head has a pump device (60) which comprises a pump chamber (64) and by means of which liquid can be pumped from the liquid store to the discharge opening (44). In order to control the liquid to be discharged and/or the air flowing back, such a discharge head (10) has an outlet valve (70) which opens depending on the pressure, an inlet valve (80) which opens depending on the pressure, and/or a ventilation valve (90) which opens depending on the pressure. Such a valve $(70,80,90)$ has a valve flap $(72,82,92)$ which closes a valve channel in a closed position and which can be converted into an open position by positive pressure which exceeds a threshold pressure. The discharge head (10) has an actuator (50) which rests against the actuation handle (40) and the base (20) so as to deform when the actuation handle (40) is pressed down. The valve flap (72, 82,92 ) is designed and attached to the actuator (50) such that the deformation of the actuator (50) acts on the valve flap such that the threshold pressure, beyond which the valve flap $(72,82,92)$ leaves its closed position, is at least $10 \%$ lower in the actuated final position than in the non-actuated final position. The invention also relates to a use for a dispenser which can be produced in an inexpensive manner in particular and which has a particular degree of discharge reliability and a particular discharge characteristic.

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