

Title (en)

LIQUID DELIVERY DEVICE COMPRISING A PUMP AND A VALVE

Title (de)

FLÜSSIGKEITSSPENDER MIT PUMPE UND VENTIL

Title (fr)

DISPOSITIF DE DELIVRANCE D'UN LIQUIDE COMPORTANT UNE POMPE ET UNE VALVE

Publication

EP 2059283 A2 20090520 (FR)

Application

EP 07823760 A 20070903

Priority

- FR 2007051863 W 20070903
- FR 0653560 A 20060904

Abstract (en)

[origin: WO2008029051A2] The invention relates to a liquid delivery device comprising a pump (1) and an anti-siphon valve (4) external to the pump (1), having an inlet pipe (3) connected to the outlet line (2) of the pump (1) and an outlet pipe (7), between which pipes are a seat (lia) and a moving part (11), which two are able to interact and define, between the inlet pipe (3) and the outlet pipe (7), a leaktight liquid flow region, said moving part (11) being able to move from an open position allowing liquid to flow in said flow region, to a closed position in which the moving part (11) contacts the seat (lia) of the valve (4) and prevents flow through said flow region, said moving part (11) being subject to the pressure of a reference chamber (5) which is not in fluid communication with the outlet pipe. Applicable to the making of a pump for injecting a medicinal liquid.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2008029051A2

Cited by

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