

Title (en)
A VALVE MECHANISM FOR A FRAGRANCE DISPENSER

Title (de)
VENTILMECHANISMUS FÜR EINEN DUFTSPENDER

Title (fr)
MÉCANISME À SOUPAPE POUR UN DIFFUSEUR DE PARFUM

Publication
EP 4045193 A4 20221116 (EN)

Application
EP 19948881 A 20191014

Priority
TR 2019050866 W 20191014

Abstract (en)
[origin: WO2021076067A1] The present disclosure relates to a valve mechanism (A), comprising a bottle (10) where the liquid essence is stored and a wick (90) by which the liquid essence is absorbed, which is used in the fragrance dispensers (D) which allows the fragrance essence to be spread to the ambient for the purpose of ambient odorization in all kinds of places. The invention comprises; a lower chamber (20) under the mentioned bottle (10) where the liquid essence flowing out of the bottle (10) is fed, a button seal (40) which is located at the bottom of the said lower chamber (20) and which can move up and down at the bottom of the lower chamber (20), a cover (70) which is introduced on the mentioned button seal (40) with and which is surrounded by culverts (71) in order to allow the liquid essence inside the bottle (10) to flow into the lower chamber (20) and to reach to the liquid essence level (h), an pusher pin (50) which is introduced inside the mentioned cover (70) and can perform up and down motion, a spring (60) located on the mentioned pusher pin (50) and continuously applying downward force to the pusher pin (50), a wad (80) which is located on the upper surface of the mentioned cover (70) in order to close the upper surface of the cover (70) and which is connected to the upper end of the pusher pin (50).

IPC 8 full level
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CPC (source: EP)
B05B 17/0676 (2013.01); **B05B 17/0684** (2013.01)

Citation (search report)
• [A] EP 3090809 A1 20161109 - THE TECHNOLOGY PARTNERSHIP PLC [GB]
• [A] US 2017071249 A1 20170316 - AMPOLINI FREDERIC [US], et al
• [A] US 2019298980 A1 20191003 - BESEN RICHARD [US], et al
• [A] US 5154212 A 19921013 - WEBER WILLIAM C [US]
• See references of WO 2021076067A1

Designated contracting state (EPC)
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