

Title (en)
ROOM SPRAY DISPENSER

Publication
EP 0127573 B1 19860625 (DE)

Application
EP 84810141 A 19840326

Priority
CH 202683 A 19830415

Abstract (en)
[origin: US4579261A] The room spray dispenser (1) holds a container (29) that is provided with a valve element (27) which also works simultaneously as a pump. Above the valve element (27) the operating end (25') of a pressure lever (25) is located. It is loaded in the direction of the valve element (27) with at least one spring (26,33). The blocking lever (14) has a raised contact surface (14''). This surface is pressed downward with the operating end (3') of a swivelling lever triggering mechanism, which is mounted on the door (5) or the door frame (6). This downward movement trips the blocking lever (14), which then allows the pressure lever (25) to press down upon the upper part of the valve element (27) due to the force of the tension spring (26). By the return movement of the swivelling lever (3) the blocking lever (14) is raised upwards to its original position and cocked by means of the cocking lever (15). The tension spring (26) is also stretched during this process. The advantage of this arrangement lies in its simple construction, positive operation, uniform dispensing of the mixture of deodorizing and/or scented liquid and air, and its general applicability to various kinds of door constructions or other elements which move relatively to each other. This arrangement requires no spray cans with propellant gas.

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A61L 9/14

IPC 8 full level
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CPC (source: EP US)
B05B 11/1056 (2023.01 - EP US); **B05B 11/1091** (2023.01 - EP US); **B65D 83/267** (2013.01 - EP US)

Cited by
CH686661A5; US5016781A; FR2647678A1; FR2652282A1; EP0401060A1; US5221025A; GB2340190A; GB2340190B; EP0315809A1; TR28707A; US6377951B1; LT3701B; WO9220455A1; WO9404280A1; WO9603218A1

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