

Title (en)

Container in the form of a bottle or can comprising a spray dispensing valve on its top

Title (de)

Behälter in Form einer Flasche oder Dose mit einem an der Oberseite vorgesehenen Sprühventil

Title (fr)

Récipient comme bouteille ou boîte équipé à sa partie supérieure d'une valve de pulvérisation

Publication

EP 0760260 A3 19970924 (DE)

Application

EP 96113377 A 19960821

Priority

DE 29513716 U 19950826

Abstract (en)

[origin: US5823399A] The invention relates to a container such as a bottle or can made from sheet metal, plastic or any desired material, which is adapted for spraying. The container has a spray valve disposed on the top side, and a pumping attached to the bottom side of the container for generating excess air pressure in the container. The pumping device is connected with the interior space of the container via a first valve. The pumping device consists of two bellows tightly connected to the bottom side of the container and concentrically placed one inside the other. The inner bellows is tightly inserted in the outer bellows, which is designed as a bottom cap. A second valve is inserted in a bottom opening of the inner bellows. The container functions in such a way that lifting the container allows air to enter the inner bellows via the second valve. The second valve is configured so that air is not permitted to escape out of the inner bellows through the valve. Depressing the container against a support forces the air in the inner bellows through the first valve and into the interior space of the container.

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Citation (search report)

- [AD] EP 0484574 A1 19920513 - GARTNER PETER [DE], et al
- [A] EP 0338844 A1 19891025 - TOMEI SANGYO KK [JP], et al
- [A] WO 9404437 A1 19940303 - OMNIFIC INTERNATIONAL LTD [US]

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