

Title (en)

Pressurised dispenser and compressed air recharging station therefor

Title (de)

Behälter zur Abgabe von unter Druck stehenden Produkten mit Vorrichtung zum Befüllen mit Treibgas

Title (fr)

Ensemble comprenant un récipient et un dispositif permettant de le recharger en air comprimé

Publication

EP 1111241 B1 20060510 (FR)

Application

EP 00403636 A 20001221

Priority

FR 9916256 A 19991222

Abstract (en)

[origin: EP1111241A1] Assembly designed has unit (1) for recharging with compressed air the container (2) which is fitted with a filling valve (11). The product to be distributed and the compressed air are contained inside the aerosol so that they are separated in difference spaces.. The product is contained in a flexible pocket inside the aerosol. The aerosol is fitted with a valve (101) allowing product distribution. This valve has at least three different operating positions, a rest position, a air distribution position only and a position which permits distribution of a mixture of the product with air. The filling valve (11) is made from a single piece of elastomer molding. The compressed air recharging system includes a compressor (6) and a ferrule connected to the compressor output which fits into the valve (11), it also has a mobile part (9) fitted with a passage (12) for the ferrule. Both the part (8) and ferrule are arranged so that the ferrule engages itself into the valve of the aerosol in response to a movement of the mobile part (9). The length of the ferrule is chosen so that it does not reach the bottom of the filling valve when the part (9) is actuated.. The ferrule remains engaged in the part (9) whatever its position, and the latter is designed to protect the ferrule in the absence of the aerosol.

IPC 8 full level

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CPC (source: EP US)

B05B 7/1245 (2013.01 - EP); **B65B 31/003** (2013.01 - EP US); **B65D 83/34** (2013.01 - EP); **B65D 83/42** (2013.01 - EP US); **B65D 83/62** (2013.01 - US); **F04B 41/00** (2013.01 - EP US); **B05B 7/0483** (2013.01 - EP); **B65D 83/62** (2013.01 - EP)

Cited by

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