

Title (en)

Single stage aerosol pressurization grommet.

Title (de)

Einstufiges Ventil, um einen Druckbehälter unter Druck zu setzen.

Title (fr)

Soupape à simple effet pour la pressurisation de bombe aérosol.

Publication

EP 0227049 A2 19870701 (EN)

Application

EP 86117665 A 19861218

Priority

US 81375585 A 19851224

Abstract (en)

A single stage aerosol pressurization grommet (10) and a container having such a grommet to pressurize the container, said grommet (10) comprising a head portion (12) adapted to be inserted into a filling aperture (28), a base portion (16), a neck portion (14) interconnecting the head (12) and base (16) and a deflection indent passing through the base and neck. The base (16) is equipped with at least one filling channel (18) and the head (12) is equipped with shoulders (22) to resist removal from the aperture. During filling the pressurized contents from the filler cause the deflection indent to deform the grommet (10), thereby allowing contents to pass through the filling channel (18) into the container and when filled the filler is removed and the pressure inside the can causes the shoulders to meet the edge of the aperture and seal the contents in the container.

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B65D 83/14

IPC 8 full level

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CPC (source: EP)

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Cited by

CN104837744A; US6920904B2; FR2789662A1; US6945284B1; US9550621B2; WO0047492A1; WO2014083511A1

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