

Title (en)

Vapor tap valve for aerosol containers used with inflammable propellants, and container provided therewith.

Title (de)

Ventil für Aerosolbehälter mit entflammbaren Treibmitteln und damit ausgerüsteter Behälter.

Title (fr)

Valve pour récipient aérosol à agent de propulsion inflammable et récipient muni d'une telle valve.

Publication

**EP 0000062 A1 19781220 (EN)**

Application

**EP 78100109 A 19780607**

Priority

US 80442377 A 19770607

Abstract (en)

A vapor tap valve for aerosol containers is provided, for use with flammable propellants, inhibiting delivery of flammable liquid propellant when the valve is opened immediately after shaking the aerosol container. The vapor tap valve comprises a movable delivery valve including a valve stem (11), a delivery port (14), and a valve chamber (5); means (spring 18) biasing the delivery valve towards a closed position; a liquid tap orifice (5a) and a vapor tap orifice (2) in flow communication with the valve chamber (5); and a shut-off valve (8b) linked to the delivery valve, closing off the vapor tap orifice (2) against entry of liquefied propellant therethrough into the valve chamber (5), when the delivery valve is closed, and opening the vapor tap orifice (2) when the delivery valve is manually moved to the open position, against the biasing force of the bias means (spring 18).

IPC 1-7

**B65D 83/14**

IPC 8 full level

**B65D 83/14** (2006.01)

CPC (source: EP)

**B65D 83/48** (2013.01); **B65D 83/565** (2015.07)

Citation (search report)

- GB 1154822 A 19690611 - EATON YALE & TOWNE [US]
- US 2968428 A 19610117 - SAMUEL ARTHUR J
- US 3372845 A 19680312 - JOHN FRANGOS
- FR 1463819 A 19660722 - PITTSBURGH RAILWAYS COMPANY
- [A] FR 2025451 A1 19700911 - UNDERHILL RUSSELL

Cited by

WO2012175513A1

Designated contracting state (EPC)

BE CH DE FR GB LU NL SE

DOCDB simple family (publication)

**EP 0000062 A1 19781220**

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