

Title (en)
Valve assembly for aerosol container

Title (de)
Ventilbaugruppe für Aerosolbehälter

Title (fr)
Bloc de soupape pour récipient aérosol

Publication
EP 2894114 B1 20190213 (DE)

Application
EP 14200241 A 20141223

Priority
DE 102014100280 A 20140113

Abstract (en)
[origin: CA2877638A1] A valve for an aerosol container has a valve plate adapted to close an axial end of the container, a valve subassembly having at least one dispensing element, a seal ring, and a compression spring, and a valve holder containing the valve subassembly and having an axially open assembly hole through which the valve subassembly can pass. A cover closes the assembly hole and is formed with an axially throughgoing cover hole through which the dispensing element projects and with which the dispensing element forms an annular and axially extending passage. A seal ring surrounds the dispensing element and is engaged between the holder and the cover. A spring biases the dispensing element axially outward against the seal ring and presses an axial outer face of the seal ring against the axially inner face of the cover. Passages extend axially between an interior of the container and the seal ring.

IPC 8 full level
B65D 83/48 (2006.01); **B65D 83/42** (2006.01)

CPC (source: CN EP US)
B65D 83/425 (2013.01 - EP US); **B65D 83/44** (2013.01 - CN); **B65D 83/48** (2013.01 - EP US)

Cited by
DE102018003741A1; WO2019174809A1; CN111801284A; DE102018003741B4; US11299338B2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2894114 A1 20150715; EP 2894114 B1 20190213; AR 099076 A1 20160629; BR 102015000658 A2 20160705;
BR 102015000658 B1 20210323; CA 2877638 A1 20150713; CA 2877638 C 20170516; CN 104925396 A 20150923; CN 104925396 B 20170901;
DE 102014100280 A1 20150716; ES 2725624 T3 20190925; IN 84DE2015 A 20150717; JP 2015131683 A 20150723; JP 6045614 B2 20161214;
MX 2015000351 A 20160426; MX 354075 B 20180212; RU 2015100267 A 20160727; RU 2598576 C2 20160927; US 2015197392 A1 20150716;
US 9598227 B2 20170321

DOCDB simple family (application)
EP 14200241 A 20141223; AR P150100071 A 20150112; BR 102015000658 A 20150112; CA 2877638 A 20150112;
CN 201510107385 A 20150113; DE 102014100280 A 20140113; ES 14200241 T 20141223; IN 84DE2015 A 20150110;
JP 2015003075 A 20150109; MX 2015000351 A 20150109; RU 2015100267 A 20150112; US 201514591030 A 20150107