

Title (en)
Pressurised dispensers.

Title (de)
Unter Innendruck stehende Ausgabevorrichtungen.

Title (fr)
Dispositifs de décharge pressurisés.

Publication
EP 0420538 A1 19910403 (EN)

Application
EP 90310406 A 19900924

Priority
GB 8921745 A 19890927

Abstract (en)
In a so-called 'aerosol' pressurised dispenser an outlet channel (10), leading to the spraying orifice (12), is smaller in cross-section than hitherto used, being not more than 0.05 square millimetres, and is smaller than any of the restrictions preceding it in the flow path from the interior of the container to atmosphere. This is found to make it possible to obtain satisfactory spraying characteristics, and in particular reasonably constant droplet size, throughout the useful life of the dispenser despite the fall in pressure with use resulting from employing a permanent gas, e.g. nitrogen, as the propellant.

IPC 1-7
B65D 83/14

IPC 8 full level
B65D 83/14 (2006.01); **B65D 83/16** (2006.01)

CPC (source: EP)
B65D 83/20 (2013.01); **B65D 83/48** (2013.01)

Citation (search report)

- [A] US 4071196 A 19780131 - BURKE JAMES E, et al
- [A] DE 1118708 C
- [A] GB 1048028 A 19661109 - GREEN EDWARD HOWARD
- [A] US 3240431 A 19660315 - HUG RICHARD C, et al
- [A] US 3120348 A 19640204 - O'DONNELL WILLIAM R

Cited by
US5834286A; DE4130728A1; EP0532822A1; AU2006263681B2; AU2006263681C1; US7014127B2; WO2007002778A1; WO2004067406A1; US8440171B2; US8475769B2; US9040024B2; WO2007052016A3; WO2010101455A3; EP1878507B1; EP1878507B2

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)
EP 0420538 A1 19910403; CA 2026328 A1 19910328; GB 2236266 A 19910403; GB 2236266 B 19931020; GB 8921745 D0 19891108; GB 9020742 D0 19901107

DOCDB simple family (application)
EP 90310406 A 19900924; CA 2026328 A 19900927; GB 8921745 A 19890927; GB 9020742 A 19900924