

Title (en)

Apparatus for spraying or dispensing liquid products, with means for preventing accidental activation.

Title (de)

Sprüh- oder Spendervorrichtung für Flüssigkeiten mit Mitteln zur Verhinderung einer ungewollten Betätigung.

Title (fr)

Dispositif de pulvérisation ou de distribution de produit fluide, à sécurité d'actionnement améliorée.

Publication

EP 0509863 A1 19921021 (FR)

Application

EP 92400853 A 19920327

Priority

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Abstract (en)

Device for spraying or dispensing of a liquid product, comprising: - a sheath (1) extending between a first open end (4) and a second end (5) fitted with a bottom (6) pierced by at least one recess (7), - a product reservoir (10), mounted so as to slide in the said sheath (1), and fitted with a means for ejecting the product (13) controlled by a push rod (15) integral with the sheath, - a lid (30) suitable for nesting in a sliding fashion on the second end (5) of the sheath. The lid (30) comprises at least one raised portion (33, 33a, 33', 33'a) capable of penetrating into the recess (7) of the bottom of the sheath to allow actuation of the push rod (15) by bearing on the base of the reservoir. <IMAGE>

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B05B 11/00; B65D 83/14

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

- [A] FR 2099933 A5 19720317 - PRESS TUBE SPRL
- [AD] US 2914222 A 19591124 - PHILIP MESHBERG
- [A] DE 921078 C 19541209 - REUCHLIN RUDI DR
- [A] US 2966283 A 19601227 - SAMUEL DARVIE

Cited by

FR2871712A1; US5516006A; EP0636421A1; US5433343A; CN104185511A; RU2617976C2; AU2013207109B2; EP2311574A1; FR2957839A1; US9199258B2; WO2013102887A1; US8939323B2; US9010584B2; US9346068B2; US8596266B2; US9211559B2

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