

Title (en)
Dispensing device

Title (de)
Spenderanordnung

Title (fr)
Dispositif distributeur

Publication
EP 1479621 A3 20070516 (DE)

Application
EP 04011776 A 20040518

Priority
DE 20307819 U 20030520

Abstract (en)
[origin: EP1479621A2] The dispensing device has a second insert component (36) with an annular cylindrical section (42) located between the circumferential wall (26) of a first insert component (24) and contact face of a cap component. A flexible circular membrane (44) is formed on the forward end of the annular cylindrical section and has a pin (46) on the front side which by spring preloading of the membrane engages in the delivery opening. With operation of the delivery valve by pressure in a chamber (50) between the first and second inserts the membrane deforms rearwards and removes the pin from the delivery opening.

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

CPC (source: EP)
B65D 83/205 (2013.01); **B65D 83/7535** (2013.01)

Citation (search report)

- [X] JP H0752980 A 19950228 - KITABAYASHI SEIICHI, et al
- [X] US 3545682 A 19701208 - BEARD WALTER C
- [A] DE 4214153 A1 19931104 - MECKENSTOCK FRITZ GMBH [DE]
- [A] DE 4444399 A1 19960725 - PRAEZISIONS WERKZEUGE AG [CH]
- [A] DE 3038917 A1 19820527 - RODER GOTTFRIED [DE]

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WO2006095163A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL HR LT LV MK

DOCDB simple family (publication)
DE 20307819 U1 20030814; EP 1479621 A2 20041124; EP 1479621 A3 20070516

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DE 20307819 U 20030520; EP 04011776 A 20040518