

Title (en)

Valve seal for pressurised dispensers

Title (de)

Ventildichtung für unter Druck stehende Abgabebehälter

Title (fr)

Joint de soupape pour récipients de distribution pressurisés

Publication

**EP 0774423 A1 19970521 (EN)**

Application

**EP 96308185 A 19961113**

Priority

GB 9523444 A 19951115

Abstract (en)

The invention relates to valves for apparatus for dispensing a liquid product (13) from a pressurised container (12) which is required to dispense an accurately metered quantity of the liquid product (13). The dispensing apparatus (10) comprises a metering valve (11) for use with the container (12) for pressurised liquid (13), the valve (11) comprising a valve body (14) defining a chamber having one or more inlets (20, 21, 22) for pressurised liquid (13) and an annular seal member (40) positioned around the valve body (14) and in sealing contact with an inner surface of the container (12). The seal member (40) comprises an annular inner section (41) providing a liquid flow path from the container (12) to one or more inlets (21, 22) providing support for an outwardly extending flexible outer flange section (42) which flexes to make sealing contact with the container (12).  
<IMAGE>

IPC 1-7

**B65D 83/14**

IPC 8 full level

**B65D 83/14** (2006.01)

CPC (source: EP)

**B65D 83/38** (2013.01); **B65D 83/54** (2013.01)

Citation (search report)

- [X] FR 2615124 A1 19881118 - VALOIS [FR]
- [A] US 5037012 A 19910806 - LANGFORD ALAN K [GB]
- [A] EP 0326122 A1 19890802 - BOEHRINGER INGELHEIM KG [DE], et al
- [A] WO 9503985 A1 19950209 - MINNESOTA MINING & MFG [US]

Cited by

WO2006038874A1; FR3019534A1; FR2895374A1; FR3006300A1; FR3042785A1; US6170717B1; EP1415934A1; US10364898B2; WO2007074274A1; WO2014195616A1; US8286941B2; JP2008515731A; EP2086858A2; US6966467B2; US7350676B2

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