

Title (en)  
SELF-CLOSING MEMBRANE VALVE

Title (de)  
SELBSTSCHLIESSENDES MEMBRAN-VENTIL

Title (fr)  
ROBINET A MEMBRANE A FERMETURE AUTOMATIQUE

Publication  
**EP 1542910 A2 20050622 (DE)**

Application  
**EP 03757845 A 20030916**

Priority  

- DE 10243067 A 20020916
- DE 10333638 A 20030724
- DE 10342406 A 20030912
- EP 0310253 W 20030916

Abstract (en)  
[origin: WO2004026721A2] The invention relates to a self-closing membrane valve (V) comprising a slit membrane (1) and a cap-shaped holding element (2) which is associated with a receiving region (6) of the membrane (1). The aim of the invention is to provide a ready-to-use, pre-mountable membrane valve. To this end, the holding element (2) is connected to the membrane (1) in a positively locking manner or in a material fit, and is formed inside a closing element (7) in order to hold in an overlapping or locking manner on the peripheral outer edge side.

IPC 1-7  
**B65D 47/20**; **B65D 47/08**

IPC 8 full level  
**B65D 47/08** (2006.01); **B65D 47/20** (2006.01)

CPC (source: EP US)  
**B65D 47/0804** (2013.01 - EP US); **B65D 47/2031** (2013.01 - EP US); **B65D 2251/105** (2013.01 - EP US); **B65D 2251/1066** (2013.01 - EP US); **B65D 2251/20** (2013.01 - EP US)

Citation (search report)  
See references of WO 2004026721A2

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 PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2004026721 A2 20040401**; **WO 2004026721 A3 20041007**; AU 2003273882 A1 20040408; AU 2003273882 A8 20040408; BR 0306331 A 20041019; CA 2495137 A1 20040401; CN 1681716 A 20051012; EP 1542910 A2 20050622; MX PA05002436 A 20050527; PL 374635 A1 20051031; US 2006138179 A1 20060629

DOCDB simple family (application)  
**EP 0310253 W 20030916**; AU 2003273882 A 20030916; BR 0306331 A 20030916; CA 2495137 A 20030916; CN 03821999 A 20030916; EP 03757845 A 20030916; MX PA05002436 A 20030916; PL 37463503 A 20030916; US 52624203 A 20030916