

Title (en)

Valve device for a fluid provision unit and method for operating a valve device for a fluid provision unit

Title (de)

Ventilvorrichtung für eine Fluidbereitstellungseinheit und Verfahren zum Betreiben einer Ventilvorrichtung für eine Fluidbereitstellungseinheit

Title (fr)

Dispositif de soupape pour une unité de préparation de fluide et procédé de fonctionnement d'un dispositif de soupape pour une unité de préparation de fluide

Publication

**EP 2805771 A3 20141224 (DE)**

Application

**EP 14164950 A 20140416**

Priority

DE 102013209645 A 20130524

IPC 8 full level

**B01L 3/00** (2006.01)

CPC (source: EP)

**B01L 3/502738** (2013.01); **B01L 2200/16** (2013.01); **B01L 2300/0816** (2013.01); **B01L 2300/0867** (2013.01); **B01L 2300/0874** (2013.01); **B01L 2300/0887** (2013.01); **B01L 2400/0487** (2013.01); **B01L 2400/0683** (2013.01)

Citation (search report)

- [A] US 2009317896 A1 20091224 - YOO JAE-CHEON [KR]
- [A] US 2007264629 A1 20071115 - HOLMES ELIZABETH A [US], et al
- [A] US 2006166233 A1 20060727 - WU BETTY [US], et al
- [A] US 2012234393 A1 20120920 - MALTEZOS GEORGE [US], et al
- [XYI] JOCHEN RUPP: "PhD thesis - Multilayer Pressure Driven Microfluidic Platform - FLATLab", DISSERTATION, 5 December 2011 (2011-12-05), Institut für Mikrosystemtechnik, Universität Freiburg, Germany, pages 1 - 124, XP055084718, Retrieved from the Internet <URL:[http://www.freidok.uni-freiburg.de/volltexte/8374/pdf/111129\\_Rp\\_Dissertation\\_actual.pdf](http://www.freidok.uni-freiburg.de/volltexte/8374/pdf/111129_Rp_Dissertation_actual.pdf)> [retrieved on 20131021]
- [Y] SCHOMBURG W K ET AL: "3.5MUM THIN VALVES IN TITANIUM MEMBRANES", JOURNAL OF MICROMECHANICS & MICROENGINEERING, INSTITUTE OF PHYSICS PUBLISHING, BRISTOL, GB, vol. 2, 1 September 1992 (1992-09-01), pages 184 - 186, XP000856098, ISSN: 0960-1317, DOI: 10.1088/0960-1317/2/3/015

Cited by

EP4129481A1; WO2023012024A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 2805771 A2 20141126; EP 2805771 A3 20141224; EP 2805771 B1 20200624;** DE 102013209645 A1 20141127

DOCDB simple family (application)

**EP 14164950 A 20140416;** DE 102013209645 A 20130524