

Title (en)  
A MEMBRANE PUMP

Title (de)  
MEMBRANPUMPE

Title (fr)  
POMPE A MEMBRANE

Publication  
**EP 1730403 A4 20120516 (EN)**

Application  
**EP 05722117 A 20050318**

Priority  
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Abstract (en)  
[origin: WO2005088128A1] A pump that has a cavity (13) in which is located a flexible membrane (14). An inlet (24) opens into the cavity (13) and is associated with a valve (27). A valve (28) is likewise provided in an outlet (25). Also opening into cavity (13) is a port (22) to which means for applying negative and positive pressures can be connected whereby the flexible membrane (14) can be moved to its two states corresponding to completion of inlet and exhaust of a pumping cycle.

IPC 8 full level  
**F04B 43/06** (2006.01); **F04B 43/067** (2006.01); **F04B 45/053** (2006.01)

CPC (source: EP US)  
**F04B 43/067** (2013.01 - EP US)

Citation (search report)  
• [X] EP 0314379 A1 19890503 - D F LAB LTD [IL]  
• [X] US 5669764 A 19970923 - BEHRINGER BRUCE E [US], et al  
• [X] US 4755111 A 19880705 - COCCHI VITTORIO [IT], et al  
• [X] US 3955901 A 19760511 - HAMILTON THOMAS W  
• [X] US 2821930 A 19580204 - ASHBROOKE SMITH KENNETH  
• [X] US 3485258 A 19691223 - GREENE GEORGE B  
• See references of WO 2005088128A1

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

DOCDB simple family (publication)  
**WO 2005088128 A1 20050922**; AU 2005220568 A1 20050922; AU 2005220568 B2 20110106; CA 2557253 A1 20050922;  
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