

Title (en)  
DIAPHRAGM PUMP WITH A CRINKLE DIAPHRAGM OF IMPROVED EFFICIENCY

Title (de)  
MEMBRANPUMPE MIT LEISTUNGSSTÄRKERER FALTENMEMBRAN

Title (fr)  
POMPE À MEMBRANE ONDULANTE DE RENDEMENT AMÉLIORÉ

Publication  
**EP 2313655 A1 20110427 (FR)**

Application  
**EP 09802554 A 20090723**

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Abstract (en)  
[origin: WO2010012887A1] The invention relates to a diaphragm pump with a crinkle diaphragm (2) designed to undulate between two end plates (1) under the action of at least one electromagnetic actuator in order to transfer fluid from an inlet of the pump to an outlet of the pump, the pump comprising adaptor means (6; 20;30) connecting the diaphragm support and a moving part (12) of the actuator needed in order to reduce the travel of the moving mass of the actuator so that this travel can be shorter than the travel of the membrane support (3).

IPC 8 full level  
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**F04B 43/0018** (2013.01 - EP US); **F04B 43/06** (2013.01 - EP US); **F04B 43/09** (2013.01 - EP US)

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See references of WO 2010012887A1

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