

Title (en)  
MEMBRANE STIRLING ENGINE

Title (de)  
MEMBRAN-STIRLINGMASCHINE

Title (fr)  
MOTEUR STIRLING À MEMBRANE

Publication  
**EP 3280900 A2 20180214 (DE)**

Application  
**EP 16736768 A 20160314**

Priority  
• DE 102015003147 A 20150313  
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Abstract (en)  
[origin: WO2016146096A2] The invention relates to a membrane Stirling engine, comprising a working gas, a hot part and a cold part, the working gas of the Stirling engine being located in membrane casings both in the hot part and in the cold part of the engine, said casings having two ends. The casings are hermetically closed on one end and open on the opposite end, the open end leading to the hot or cold chamber of a regenerator box in a tightly sealing manner.

IPC 8 full level  
**F02G 1/043** (2006.01)

CPC (source: EP US)  
**F02G 1/043** (2013.01 - EP US); **F02G 1/044** (2013.01 - US); **F02G 1/055** (2013.01 - US); **F02G 1/057** (2013.01 - US);  
**F02G 2244/10** (2013.01 - EP US)

Citation (search report)  
See references of WO 2016146096A2

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**WO 2016146096 A2 20160922; WO 2016146096 A3 20161208; WO 2016146096 A9 20170406**; CN 107532541 A 20180102;  
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EP 3919730 A1 20211208; ES 2891796 T3 20220131; MA 41914 A 20180213; MX 2017011696 A 20180615; PT 3280900 T 20211001;  
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