

Title (en)  
SLEEVE VALVE OIL SEAL

Title (de)  
MUFFENVENTILÖLDICHTUNG

Title (fr)  
JOINT D'HUILE POUR CLAPET À MANCHON

Publication  
**EP 3011147 A2 20160427 (EN)**

Application  
**EP 14738704 A 20140619**

Priority  
• US 201361837101 P 20130619  
• US 2014043289 W 20140619

Abstract (en)  
[origin: WO2014205291A2] Leakage of a liquid (e.g. a coolant and/or a lubricant) past a sleeve valve to a port in communication with a combustion chamber of an internal combustion engine can be prevented by use of a substantially ring-shaped seal, which can be carried on the sleeve valve or disposed on a stationary part of the internal combustion engine.

IPC 8 full level  
**F01L 5/06** (2006.01); **F01L 7/04** (2006.01)

CPC (source: EP US)  
**F01L 1/18** (2013.01 - EP US); **F01L 7/045** (2013.01 - EP US); **F01L 7/16** (2013.01 - EP US); **F02B 75/28** (2013.01 - EP US);  
**F01L 2001/054** (2013.01 - EP US)

Citation (search report)  
See references of WO 2014205291A2

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Designated extension state (EPC)  
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DOCDB simple family (publication)  
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**US 2014043289 W 20140619**; CN 201480034856 A 20140619; EP 14738704 A 20140619; US 201414309825 A 20140619