

Title (en)
Shaft seal

Title (de)
Wellenabdichtung

Title (fr)
Joint d'arbre

Publication
EP 2375000 A3 20170628 (DE)

Application
EP 11159510 A 20110324

Priority
DE 102010003796 A 20100409

Abstract (en)
[origin: EP2375000A2] The shaft seal (30) comprises an impeller side seal, which is provided between a bearing housing (31) and a shaft (20), and a bearing side seal, which is provided between the bearing housing and the shaft. An oil outlet chamber (53) is provided between the impeller side seal and the bearing side seal. The oil discharge chamber is limited by a third seal between the bearing housing and the shaft. A gas discharge chamber (55) is arranged between the third seal and the impeller side seal.

IPC 8 full level
F01D 11/00 (2006.01); **F01D 25/12** (2006.01); **F01D 25/18** (2006.01)

CPC (source: EP KR US)
F01D 11/003 (2013.01 - EP US); **F01D 25/125** (2013.01 - EP US); **F01D 25/16** (2013.01 - KR); **F01D 25/18** (2013.01 - KR); **F01D 25/183** (2013.01 - EP US); **F02B 39/00** (2013.01 - KR); **F02B 39/14** (2013.01 - KR); **F05D 2220/40** (2013.01 - EP US); **F05D 2240/58** (2013.01 - EP US); **F05D 2260/205** (2013.01 - EP US)

Citation (search report)

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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)
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