

Title (en)

VACUUM PUMP

Title (de)

VAKUUMPUMPE

Title (fr)

POMPE À VIDE

Publication

EP 2016288 A1 20090121 (EN)

Application

EP 07733620 A 20070416

Priority

- GB 2007050198 W 20070416
- GB 0609306 A 20060511

Abstract (en)

[origin: WO2007132259A1] A dry vacuum pump comprises a stator component and at least one rotor component. To improve the tolerance of the pump to corrosive gases and abrasive particles passing through the pump, the stator component and/or said at least one rotor component are formed from austempered ductile iron.

IPC 8 full level

F04C 18/12 (2006.01); **F04C 18/02** (2006.01); **F04C 18/16** (2006.01); **F04C 29/00** (2006.01)

CPC (source: EP KR)

F04C 18/02 (2013.01 - KR); **F04C 18/12** (2013.01 - KR); **F04C 18/16** (2013.01 - KR); **F04C 29/00** (2013.01 - EP KR); **F04C 18/0215** (2013.01 - EP); **F04C 18/123** (2013.01 - EP); **F04C 18/126** (2013.01 - EP); **F04C 18/16** (2013.01 - EP); **F04C 2220/12** (2013.01 - EP); **F05C 2201/0445** (2013.01 - EP)

Citation (search report)

See references of WO 2007132259A1

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 LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

WO 2007132259 A1 20071122; CN 101438061 A 20090520; CN 101438061 B 20130724; EP 2016288 A1 20090121; GB 0609306 D0 20060621; JP 2009536707 A 20091015; KR 20090010977 A 20090130; SG 174048 A1 20110929; TW 200817592 A 20080416; TW I504811 B 20151021

DOCDB simple family (application)

GB 2007050198 W 20070416; CN 200780016740 A 20070416; EP 07733620 A 20070416; GB 0609306 A 20060511; JP 2009508500 A 20070416; KR 20087027505 A 20081110; SG 2011056777 A 20070416; TW 96116741 A 20070511