

Title (en)
COMPRESSOR

Title (de)
VERDICHTER

Title (fr)
COMPRESSEUR

Publication
EP 1948929 A1 20080730 (EN)

Application
EP 07831780 A 20071107

Priority
• JP 2007072050 W 20071107
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Abstract (en)
[origin: WO2008059850A1] Oil sucked by an oil pump and supplied to an opening at an eccentric shaft flows on the top end face of the eccentric shaft to the outer periphery thereof, and splashes from an edge in substantially a radial direction onto the sliding portions of a cylinder and a piston. Thus, the oil can cool the cylinder and piston, form oil film on the sliding portions of the cylinder and piston, restrain metallic contact between the sliding portions, and prevent abrasion between the sliding portions and increasing input into the compressor.

IPC 8 full level
F04B 39/02 (2006.01); **F04B 39/00** (2006.01)

CPC (source: EP KR US)
F04B 9/045 (2013.01 - KR); **F04B 39/0005** (2013.01 - KR); **F04B 39/0022** (2013.01 - KR); **F04B 39/0061** (2013.01 - EP KR US); **F04B 39/0094** (2013.01 - EP KR US); **F04B 39/023** (2013.01 - KR); **F04B 39/0246** (2013.01 - EP KR US); **F04B 39/0261** (2013.01 - KR); **F04B 39/122** (2013.01 - KR); **F25B 31/00** (2013.01 - KR)

Citation (search report)
See references of WO 2008059850A1

Designated contracting state (EPC)
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Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
WO 2008059850 A1 20080522; CN 101182838 A 20080521; CN 201193600 Y 20090211; DE 602007004293 D1 20100304; EP 1948929 A1 20080730; EP 1948929 B1 20100113; JP 2009510298 A 20090312; KR 20080069171 A 20080725; US 2010158711 A1 20100624

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JP 2007072050 W 20071107; CN 200710169297 A 20071112; CN 200720193770 U 20071112; DE 602007004293 T 20071107; EP 07831780 A 20071107; JP 2008516654 A 20071107; KR 20087009880 A 20080425; US 9042407 A 20071107