

Title (en)  
COMPRESSOR

Title (de)  
VERDICHTER

Title (fr)  
COMPRESSEUR

Publication  
**EP 1948929 B1 20100113 (EN)**

Application  
**EP 07831780 A 20071107**

Priority  
• JP 2007072050 W 20071107  
• JP 2006306362 A 20061113

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 39/00** (2006.01); **F04B 39/02** (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)

Designated contracting state (EPC)  
DE IT

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

DOCDB simple family (application)  
**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