

Title (en)
COMPRESSOR

Title (de)
KOMPRESSOR

Title (fr)
COMPRESSEUR

Publication
EP 1948928 A1 20080730 (DE)

Application
EP 06807564 A 20061026

Priority
• EP 2006067795 W 20061026
• DE 102005053836 A 20051109

Abstract (en)
[origin: US2009301293A1] Known compressors are equipped with gas bearings, in which the bearing nozzles are continuously supplied with a stream of gas. According to the invention, the gas bearing is a self-sufficient bearing, in which the supply pressure is independent of the delivery pressure. To achieve this, the compressor is equipped with a gas reservoir with a bearing supply pressure.

IPC 8 full level
F04B 39/00 (2006.01)

CPC (source: EP US)
F04B 35/045 (2013.01 - EP US); **F04B 39/122** (2013.01 - EP US); **F04B 39/125** (2013.01 - EP US)

Citation (search report)
See references of WO 2007054437A1

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 NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
US 2009301293 A1 20091210; AT E503111 T1 20110415; CN 101305186 A 20081112; CN 101305186 B 20100818; DE 102005053836 A1 20070510; DE 502006009174 D1 20110505; EP 1948928 A1 20080730; EP 1948928 B1 20110323; ES 2360729 T3 20110608; RU 2008119085 A 20091220; RU 2411394 C2 20110210; WO 2007054437 A1 20070518

DOCDB simple family (application)
US 8473306 A 20061026; AT 06807564 T 20061026; CN 200680041738 A 20061026; DE 102005053836 A 20051109; DE 502006009174 T 20061026; EP 06807564 A 20061026; EP 2006067795 W 20061026; ES 06807564 T 20061026; RU 2008119085 A 20061026