

Title (en)
ROTARY COMPRESSOR

Title (de)
ROTATIONSVERDICHTER

Title (fr)
COMPRESSEUR ROTATIF

Publication
EP 2169232 A4 20140806 (EN)

Application
EP 08710540 A 20080109

Priority
• JP 2008050097 W 20080109
• JP 2007027235 A 20070206

Abstract (en)
[origin: EP2169232A1] A rotary compressor that can improve oil separation efficiency is provided. A rotator (21) is fixed to a crank shaft (16) such that an upper end face (23a) of a rotor core (23) is situated at a position upper than an upper end face (30a) of a stator core (30), and when an open end situated at an entrance side of a communicating channel (35) is seen from an open end situated at an exit side of the relevant communicating channel (35), a covering ratio of the open end, which is situated at the entrance side of the communicating channel (35), by a side face (23b) of the rotor core (23) is 30% to 80%.

IPC 8 full level
F04C 29/02 (2006.01); **F04C 18/356** (2006.01); **F04C 23/00** (2006.01)

CPC (source: EP)
F04C 18/3562 (2013.01); **F04C 23/008** (2013.01); **F04C 29/026** (2013.01); **F04C 23/001** (2013.01); **F04C 29/023** (2013.01)

Citation (search report)
• [Y] EP 1712793 A1 20061018 - DAIKIN IND LTD [JP]
• [Y] JP S60187377 U 19851212
• See references of WO 2008096560A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 2169232 A1 20100331; **EP 2169232 A4 20140806**; **EP 2169232 B1 20170315**; CN 101568731 A 20091028; CN 101568731 B 20111228; JP 2008190466 A 20080821; JP 5138236 B2 20130206; WO 2008096560 A1 20080814

DOCDB simple family (application)
EP 08710540 A 20080109; CN 200880001210 A 20080109; JP 2007027235 A 20070206; JP 2008050097 W 20080109