

Title (en)  
ROTARY COMPRESSOR

Title (de)  
ROTATIONSVERDICHTER

Title (fr)  
COMPRESSEUR ROTATIF

Publication  
**EP 2169232 A1 20100331 (EN)**

Application  
**EP 08710540 A 20080109**

Priority  
• JP 2008050097 W 20080109  
• JP 2007027235 A 20070206

Abstract (en)  
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)

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

DOCDB simple family (publication)  
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