

Title (en)  
HERMETIC COMPRESSOR

Title (de)  
HERMETISCHER VERDICHTER

Title (fr)  
COMPRESSEUR HERMÉTIQUE

Publication  
**EP 2960513 B1 20190508 (EN)**

Application  
**EP 15177846 A 20120720**

Priority  

- JP 2011160473 A 20110722
- JP 2011173108 A 20110808
- EP 12818449 A 20120720
- JP 2012068435 W 20120720

Abstract (en)  
[origin: EP2735742A1] Provided is a fluid machine that achieves a static balance or a dynamic balance for reciprocating components of at least two fluid suction/discharge mechanisms provided at both end positions of a driving shaft, to thereby enable a reduction in vibrations and noise. A fluid machine (1) includes two or more fluid suction/discharge mechanisms (2) and (3) provided at both end positions of a driving shaft (7), the fluid suction/discharge mechanisms (2) and (3) each including a reciprocating component (36). The respective reciprocating components (36) of the fluid suction/discharge mechanisms (2) and (3) are arranged so as to be mutually reciprocatable in an opposing direction or the same direction.

IPC 8 full level  
**F04C 29/02** (2006.01); **F01C 1/02** (2006.01); **F01C 1/356** (2006.01); **F01C 21/00** (2006.01); **F01C 21/08** (2006.01); **F04B 27/02** (2006.01);  
**F04B 39/00** (2006.01); **F04B 39/02** (2006.01); **F04B 39/12** (2006.01); **F04B 41/06** (2006.01); **F04C 18/02** (2006.01); **F04C 18/356** (2006.01);  
**F04C 23/00** (2006.01); **F04C 29/00** (2006.01); **F04C 29/12** (2006.01)

CPC (source: EP)  
**F01C 1/0215** (2013.01); **F01C 1/3562** (2013.01); **F01C 21/003** (2013.01); **F04B 39/0027** (2013.01); **F04B 39/0253** (2013.01);  
**F04B 39/0261** (2013.01); **F04B 41/06** (2013.01); **F04C 18/0215** (2013.01); **F04C 18/3562** (2013.01); **F04C 23/005** (2013.01);  
**F04C 23/008** (2013.01); **F04C 29/0021** (2013.01); **F01C 21/0845** (2013.01); **F04C 2270/12** (2013.01)

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

DOCDB simple family (publication)  
**EP 2735742 A1 20140528; EP 2735742 A4 20141217; EP 2735742 B1 20180822;** EP 2960513 A1 20151230; EP 2960513 B1 20190508;  
WO 2013015215 A1 20130131

DOCDB simple family (application)  
**EP 12818449 A 20120720;** EP 15177846 A 20120720; JP 2012068435 W 20120720