

Title (en)
Sealing mechanism for compressor

Title (de)
Dichtungsanlage für Verdichter

Title (fr)
Système d'étanchéité pour compresseurs

Publication
EP 1288497 A2 20030305 (EN)

Application
EP 02019231 A 20020827

Priority
JP 2001257949 A 20010828

Abstract (en)
A sealing mechanism is used for a compressor. The compressor has a housing, a valve plate assembly (15, 16) located in the housing. The housing has a cylinder block (11, 12) and a cylinder head (13, 14). The cylinder block (11, 12) and the cylinder head (13, 14) are connected with each other. The valve plate assembly (15, 16) has a plurality of plates (41-44). The sealing mechanism has a seal portion (45). The seal portion (45) is a peripheral portion of one of the plates (41-44) that extends radially outward in the compressor relative to the other plates (41-44). The seal portion (45) seals a peripheral section between the cylinder block (11, 12) and the cylinder head (13, 14). This provides an inexpensive and simple sealing mechanism of the compressor. <IMAGE>

IPC 1-7
F04B 27/10

IPC 8 full level
F04B 39/00 (2006.01); **F04B 27/08** (2006.01); **F04B 27/10** (2006.01)

CPC (source: EP KR US)
F04B 27/1081 (2013.01 - EP US); **F04B 39/00** (2013.01 - KR)

Cited by
EP1517038A3

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)
EP 1288497 A2 20030305; BR 0203477 A 20030520; CN 1401902 A 20030312; JP 2003065232 A 20030305; KR 20030019127 A 20030306; US 2003044294 A1 20030306

DOCDB simple family (application)
EP 02019231 A 20020827; BR 0203477 A 20020827; CN 02132185 A 20020827; JP 2001257949 A 20010828; KR 20020050737 A 20020827; US 22942202 A 20020827