

Title (en)
Rotary compressor

Title (de)
Rotationsverdichter

Title (fr)
Compresseur rotatif

Publication
EP 2636903 A3 20140312 (EN)

Application
EP 13151369 A 20130115

Priority
KR 20120004654 A 20120116

Abstract (en)
[origin: US2013183181A1] A rotary compressor capable of reducing a maximum load applied to a rotary shaft, the rotary compressor including a casing, a cylinder installed at an inside the casing and configured to provide a space to compress gas, a rotary shaft disposed while passing through the cylinder, a roller configured to compress gas by rotating along an inner circumferential surface of the cylinder, and an eccentric cam integrally formed with the rotary shaft and disposed at an inside the roller, wherein the eccentric cam is disposed at an eccentric position side in a shaft direction on an axial line of the rotary shaft.

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

CPC (source: EP KR US)
F04C 2/30 (2013.01 - EP US); **F04C 18/00** (2013.01 - KR); **F04C 29/00** (2013.01 - KR); **F04C 29/0057** (2013.01 - EP US);
F04C 2240/60 (2013.01 - EP US)

Citation (search report)

- [X] EP 1703134 A2 20060920 - SANYO ELECTRIC CO [JP]
- [XY] JP 2011052685 A 20110317 - DAIKIN IND LTD
- [XAY] JP 2000265979 A 20000926 - MITSUBISHI ELECTRIC CORP

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
US 2013183181 A1 20130718; CN 103206376 A 20130717; EP 2636903 A2 20130911; EP 2636903 A3 20140312; KR 20130083998 A 20130724

DOCDB simple family (application)
US 201313738462 A 20130110; CN 201310016477 A 20130116; EP 13151369 A 20130115; KR 20120004654 A 20120116