

Title (en)
Rotary compressor

Title (de)
Rotationsverdichter

Title (fr)
Compresseur rotatif

Publication
EP 2636903 A2 20130911 (EN)

Application
EP 13151369 A 20130115

Priority
KR 20120004654 A 20120116

Abstract (en)
A rotary compressor capable of reducing a maximum load applied to a rotary shaft (21), the rotary compressor including a casing (10), a cylinder (27) installed at an inside the casing (10) and configured to provide a space to compress gas, the rotary shaft (21) disposed while passing through the cylinder (27), a roller (28) configured to compress gas by rotating along an inner circumferential surface of the cylinder (27), and an eccentric cam (30) integrally formed with the rotary shaft (21) and disposed at an inside the roller (30), wherein the eccentric cam (30) is disposed at an eccentric position side in a shaft direction on an axial line of the rotary shaft (21).

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)

Designated contracting state (EPC)
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Designated extension state (EPC)
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