

Title (en)
Multi stage rotary compressor

Title (de)
Mehrstufiger Drehkompressor

Title (fr)
Compresseur rotatif à étages multiples

Publication
EP 1975413 A1 20081001 (EN)

Application
EP 08251003 A 20080320

Priority
JP 2007083399 A 20070328

Abstract (en)
There is provided a two-stage compression rotary compressor in which the balancer mass of a rotor can be made as small as possible, and the moments that tilt the whole of a shaft can be balanced. The axial length L2 of a high-stage side crankshaft 72 corresponding to a high-stage compressing section 32 is longer than the axial length L1 of a low-stage side crankshaft 73 corresponding to a low-stage compressing section 31 (L2 > L1).

IPC 8 full level
F04C 18/356 (2006.01); **F04C 23/00** (2006.01); **F04C 29/00** (2006.01)

CPC (source: EP US)
F04C 18/3564 (2013.01 - EP US); **F04C 23/001** (2013.01 - EP US); **F04C 23/008** (2013.01 - EP US); **F04C 29/0021** (2013.01 - EP US); **F04C 29/0057** (2013.01 - EP US); **F04C 2240/601** (2013.01 - EP US)

Citation (applicant)
JP H11230073 A 19990824 - SANYO ELECTRIC CO

Citation (search report)
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• [DA] JP H11230073 A 19990824 - SANYO ELECTRIC CO

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FR GB

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
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DOCDB simple family (application)
EP 08251003 A 20080320; CN 200810090344 A 20080327; JP 2007083399 A 20070328; US 7348408 A 20080306