

Title (en)
Rotary piston compressor

Title (de)
Drehkolbenverdichter

Title (fr)
Compresseur à piston rotatif

Publication
EP 1790857 A1 20070530 (EN)

Application
EP 06124109 A 20061115

Priority
JP 2005341424 A 20051128

Abstract (en)
In the rotary compressor including, in a sealed vessel, a electromotive element and a rotary compression element driven by this electromotive element, on one of an upper end face of a rotor constituting the electromotive element (on a side opposite to a compression mechanism) and a lower end face of the rotor (on a compression mechanism side), a rotation inertia article capable of obtaining a rotation inertia moment is disposed. In consequence, it is possible to obtain the compressor having a high efficiency in which an increase of the rotary vibration of the compressor is suppressed even during an operation having the small number of the rotations of the compressor.

IPC 8 full level
F04C 29/00 (2006.01); **F04C 23/00** (2006.01); **F04C 29/02** (2006.01); **F04C 18/356** (2006.01)

CPC (source: EP KR US)
F04C 23/00 (2013.01 - KR); **F04C 23/008** (2013.01 - EP US); **F04C 29/00** (2013.01 - KR); **F04C 29/0021** (2013.01 - EP US); **F04C 29/026** (2013.01 - EP US); **F04C 18/3564** (2013.01 - EP US); **F04C 23/001** (2013.01 - EP US); **F04C 29/0085** (2013.01 - EP US); **F04C 2240/807** (2013.01 - EP US)

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

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
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DOCDB simple family (application)
EP 06124109 A 20061115; CN 200610160814 A 20061128; JP 2005341424 A 20051128; KR 20060117325 A 20061127; TW 95143322 A 20061123; US 60425806 A 20061127