

Title (en)
Compressor

Title (de)
Verdichter

Title (fr)
Compresseur

Publication
EP 2050965 A2 20090422 (EN)

Application
EP 08166799 A 20081016

Priority
JP 2007272482 A 20071019

Abstract (en)
A compressor (1) including a hermetic housing (2), a low stage-side compression mechanism (3) and a high stage-side compression mechanism (4) provided in the hermetic housing (2); and an electric motor (21) for driving the low stage-side compression mechanism (3) and the high stage-side compression mechanism (4). The low stage-side compression mechanism (3) is a rotary type compression mechanism, and the high stage-side compression mechanism (4) is a scroll type compression mechanism. The suction shutoff of the scroll type compression mechanism is accomplished when a rotor (34) of the rotary type compression mechanism is at a position (A) corresponding to the bottom dead center, at a position (B) of being rotated through 90 degrees from the bottom dead center, or between the positions (A and B).

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

CPC (source: EP US)
F04C 18/0215 (2013.01 - EP US); **F04C 18/3564** (2013.01 - EP US); **F04C 23/005** (2013.01 - EP US); **F04C 23/008** (2013.01 - EP US); **F04C 29/025** (2013.01 - EP US); **F04C 2270/12** (2013.01 - EP US)

Citation (applicant)
JP H0587074 A 19930406 - MITSUBISHI HEAVY IND LTD

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
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