

Title (en)
Refrigerant compressor and refrigerant cycle device including the same

Title (de)
Kältemittelverdichter und Kältemittel-Kreislauf mit demselben

Title (fr)
Compresseur de réfrigérant et circuit réfrigérant intégré le comprenant

Publication
EP 1770341 A2 20070404 (EN)

Application
EP 06121257 A 20060926

Priority
JP 2005287332 A 20050930

Abstract (en)
An object is to provide a refrigerant compressor which solves a disadvantage that an oil flows into a refrigerant circuit in the outside of the refrigerant compressor during introduction of the oil and which minimizes an amount of the oil to be introduced and which can secure a sufficient amount of the oil, and a refrigerant cycle device including the refrigerant compressor. A rotary compressor (refrigerant compressor) comprises, in a sealed container (12), an electromotive element (14) as a driving element, and a rotary compression mechanism part (18) driven by this electromotive element (14) and constituted of first and second rotary compression elements (32,34), and discharges a refrigerant compressed by the rotary compression mechanism part (18) from the sealed container, the compressor further comprising an oil reservoir (80) constituted in a bottom part of the sealed container; and a servicing pipe (100) attached to the sealed container to introduce the refrigerant and the oil into the sealed container.

IPC 8 full level
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CPC (source: EP KR US)
F04B 39/023 (2013.01 - EP US); **F04B 39/123** (2013.01 - EP US); **F04C 29/00** (2013.01 - KR); **F04C 29/02** (2013.01 - KR);
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F04C 2240/806 (2013.01 - EP US); **F04C 2240/809** (2013.01 - EP US); **F25B 1/04** (2013.01 - EP US); **F25B 45/00** (2013.01 - EP US)

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Designated extension state (EPC)
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EP 06121257 A 20060926; CN 200610128173 A 20060906; JP 2005287332 A 20050930; KR 20060083069 A 20060830;
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