

Title (en)

HERMETIC COMPRESSOR AND REFRIGERATION SYSTEM

Title (de)

HERMETISCHER KOMPRESSOR UND KÜHLSYSTEM DAFÜR

Title (fr)

COMPRESSEUR HERMÉTIQUE ET SYSTÈME DE RÉFRIGÉRATION

Publication

**EP 2024468 A1 20090218 (EN)**

Application

**EP 08751637 A 20080428**

Priority

- JP 2008001112 W 20080428
- JP 2007125339 A 20070510

Abstract (en)

[origin: WO2008142829A1] The present invention provides a high-reliable hermetic compressor in which aggression to an organic material is low by using a refrigeration oil using, as a base oil, an alicyclic multivalent carboxylic acid ester compound and made of an alicyclic multivalent carboxylic acid ester compound having at least two ester groups, the at least two ester groups being bound to carbon atoms adjacent to each other on an alicyclic ring. The ratio of hydrocarbon radicals in which carbon number is 4 or less among hydrocarbon radicals bound to the at least two ester groups is 15% by weight or less.

IPC 8 full level

**C10M 105/36** (2006.01); **C10M 171/00** (2006.01); **F25B 31/00** (2006.01); **C10N 20/02** (2006.01); **C10N 30/06** (2006.01); **C10N 40/30** (2006.01)

CPC (source: EP KR US)

**C10M 105/36** (2013.01 - EP KR US); **C10M 171/00** (2013.01 - KR); **C10M 171/008** (2013.01 - EP US); **F04B 39/00** (2013.01 - KR); **F25B 31/00** (2013.01 - KR); **C10M 2207/2825** (2013.01 - EP US); **C10N 2020/02** (2013.01 - EP US); **C10N 2020/101** (2020.05 - EP US); **C10N 2030/06** (2013.01 - EP US); **C10N 2040/30** (2013.01 - EP US)

Citation (search report)

See references of WO 2008142829A1

Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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