

Title (en)

HERMETIC REFRIGERANT COMPRESSOR AND FREEZING/REFRIGERATING APPARATUS USING SAME

Title (de)

HERMETISCHER KÄLTEMITTELVERDICHTER UND GEFRIER-/KÜHLGERÄT DAMIT

Title (fr)

COMPRESSEUR HERMÉTIQUE DE RÉFRIGÉRANT ET APPAREIL DE CONGÉLATION/RÉFRIGÉRATION L'UTILISANT

Publication

**EP 3825388 A1 20210526 (EN)**

Application

**EP 19837799 A 20190702**

Priority

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- JP 2019026301 W 20190702

Abstract (en)

A hermetic refrigerant compressor includes a sealed container 101, in which lubricating oil 103 having a kinematic viscosity in a range of 1 mm<sup>2</sup>/S to 10 mm<sup>2</sup>/S at 40°C is stored, the sealed container 101 accommodating an electric element 106 and a compression element 107, the compression element 107 being driven by the electric element 106 and configured to compress a refrigerant. The lubricating oil 103 has a surface tension in a range of 23 mN/m to 45 mN/m.

IPC 8 full level

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CPC (source: CN EP)

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