

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

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Application

EP 23209854 A 20190702

Priority

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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 mm²/S to 10 mm²/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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Citation (search report)

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- [E] US 2019285063 A1 20190919 - HAYASHI YASUSHI [JP], et al & WO 2018101246 A1 20180607 - PANASONIC APPLIANCES REFRIGERATION DEVICES SINGAPORE [SG], et al
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DOCDB simple family (application)

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