

Title (en)
HERMETIC ROTARY COMPRESSOR AND REFRIGERATION CYCLE DEVICE

Title (de)
HERMETISCHER DREHKOMPRESSOR UND KÜHLKREISVORRICHTUNG

Title (fr)
COMPRESSEUR ROTATIF HERMÉTIQUE ET DISPOSITIF À CYCLE DE RÉFRIGÉRATION

Publication
EP 3434902 A1 20190130 (EN)

Application
EP 17770180 A 20170317

Priority
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• JP 2017011063 W 20170317

Abstract (en)
Provided are a hermetic rotary compressor configured so that the pressure resistance of a hermetic case is increased and so that the hermetic case will not become large, and a refrigeration cycle device provided with the hermetic rotary compressor. A hermetic case (10) is provided with a main case (10a) and an end case (10c) which is fitted in the main case (10a). A first compression mechanism (18A) is provided with a first cylinder (21). A second compression mechanism (18B) is provided with a second cylinder (22). The entire first cylinder (21) is accommodated within the main case (10a) in the axial direction of a rotating shaft (13). At least a part of the second cylinder (22) is inserted in the end case (10c). The maximum distance L from the center of the rotating shaft (13) to the outer periphery of the first cylinder (21) is greater than the maximum distance M from the center of the rotating shaft (13) to the inner periphery of the end case (10c).

IPC 8 full level
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