

Title (en)

COMPRESSOR PROVIDED WITH COMPRESSION MECHANISM FIXED TO CASING

Title (de)

VERDICHTER MIT EINEM AM GEHÄUSE BEFESTIGTEN VERDICHUNGSMECHANISMUS

Title (fr)

COMPRESSEUR DOTÉ D'UN MÉCANISME DE COMPRESSION FIXÉ À UN CARTER

Publication

EP 3557065 A4 20191023 (EN)

Application

EP 17881953 A 20171207

Priority

- JP 2016241042 A 20161213
- JP 2017044014 W 20171207

Abstract (en)

[origin: EP3557065A1] A compressor (5) includes a casing (10), a motor (20), and a compression mechanism (40). The casing (10) includes a cylindrical portion (11) having an inner diameter of a first dimension (D1). The motor (20) includes a rotor (22) having an outer diameter of a second dimension (D2). The compression mechanism (40) compresses a low-pressure refrigerant to generate the high-pressure refrigerant. A ratio (D1/D2) of the first dimension (D1) to the second dimension (D2) is equal to or less than 1.8. The compression mechanism (40) includes a fixing portion (49) being in tight contact with an inner peripheral surface of the cylindrical portion (11) at a position where the compression mechanism (40) is disposed.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [XA] EP 1908958 A2 20080409 - FUJITSU GENERAL LTD [JP]
- [XA] US 2011067434 A1 20110324 - MIURA KAZUHIKO [JP], et al
- See references of WO 2018110426A1

Designated contracting state (EPC)

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Designated extension state (EPC)

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