

Title (en)
Compressor

Title (de)
Verdichter

Title (fr)
Compresseur

Publication
EP 2816229 A1 20141224 (EN)

Application
EP 14170212 A 20140528

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Abstract (en)
An object of the invention is reducing production costs of housings and compressors. A compressor (100) includes: a housing (102, 104) having an attachment surface (210) for an attached member; a cylindrical protrusion wall (101b) protruding from an outer peripheral surface (101f) of the housing and includes a communication path (144) opened for a working fluid; a cover member (106) including an abutment surface (106d) on which the protrusion wall abuts, a connection end surface (106c) to which piping of an external circuit for the working fluid is connected, and a connection port (106a) penetrating through the connection end surface; and a muffler chamber (143) defined by the outer peripheral surface, the protrusion wall, and the cover member. An inner peripheral surface (211) of the connection port includes a predetermined inclination angle ($^{\circ}$) with respect to the attachment surface, and is orthogonal to the abutment surface and connection end surface.

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CPC (source: EP)
F04B 27/1081 (2013.01); **F04B 39/0061** (2013.01)

Citation (applicant)
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Citation (search report)
• [Y] EP 1983191 A1 20081022 - VALEO THERMAL SYS JAPAN CO [JP]
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• [A] EP 1898091 A2 20080312 - TOYOTA JIDOSHOKKI KK [JP]
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