

Title (en)
SEALED-TYPE SCROLL COMPRESSOR

Title (de)
VERSIEGELUNGS-SPIRALVERDICHTER

Title (fr)
COMPRESSEUR A SPIRALE HERMETIQUE

Publication
EP 2236829 A1 20101006 (EN)

Application
EP 09705815 A 20090121

Priority
• JP 2009050861 W 20090121
• JP 2008018203 A 20080129

Abstract (en)
An object thereof is, when employing a structure in which a sealed housing is divided, to provide a hermetic scroll compressor that can improve the assembly precision, the manufacturability, and the ease of assembly and that can easily realize housings having different diameters according to the necessity. A sealed housing (10) includes a center housing (10A) in which an electric motor (4) is securely mounted, a ring-like bearing bracket (11) provided at the upper end of the center housing (10A), and an upper housing (10C) provided on the bearing bracket (11) and accommodating a scroll compressor (3) therein. First and second welded portions (54, 55) to which the ends of the center housing (10A) and upper housing (10C) are fitted and to which the housings are welded from the outer circumference side are provided on the outer circumferential portion of the bearing bracket (11), and a bearing case (31) to which the scroll compressor (3) is incorporated is securely mounted on the top surface thereof with bolts (12).

IPC 8 full level
F04C 18/02 (2006.01); **F04C 23/00** (2006.01); **F04C 29/00** (2006.01)

CPC (source: EP)
F04C 18/0215 (2013.01); **F04C 23/008** (2013.01); **F04C 2230/231** (2013.01); **F04C 2230/60** (2013.01); **F04C 2240/30** (2013.01)

Cited by
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Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
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