

Title (en)
COMPRESSOR

Title (de)
VERDICHTER

Title (fr)
COMPRESSEUR

Publication
EP 3249228 A1 20171129 (EN)

Application
EP 15884039 A 20151228

Priority
• JP 2015043500 A 20150305
• JP 2015086488 W 20151228

Abstract (en)
In order to provide a compressor wherein the rigidity of a bearing can be increased and transmission of heat to a cylinder main body can be reduced, this compressor is equipped with a cylinder main body of a rotary compression mechanism, an upper bearing (22) provided on one surface side of the cylinder main body and supporting a drive shaft, and a muffler plate (42) disposed on one surface side of the upper bearing (22). The upper bearing (22) includes: a partition rib (46) formed rising from one surface of the upper bearing (22) and extending along the radial direction of the upper bearing (22); a refrigerant circulation section (38) surrounded by the partition rib (46) and the muffler plate (42), to which refrigerant discharged from the cylinder main body circulates, and a heat-blocking section (39) surrounded by the partition rib (46) and the muffler plate (42) and separated from the refrigerant circulation section (38) by the partition rib (46) and the muffler plate (42) to prevent refrigerant from circulating thereto.

IPC 8 full level
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CPC (source: EP)
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