

Title (en)  
COMPRESSOR

Title (de)  
VERDICHTER

Title (fr)  
COMPRESSEUR

Publication  
**EP 3249228 A4 20180124 (EN)**

Application  
**EP 15884039 A 20151228**

Priority  
• JP 2015043500 A 20150305  
• JP 2015086488 W 20151228

Abstract (en)  
[origin: EP3249228A1] 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  
**F04C 18/356** (2006.01); **F04C 23/00** (2006.01); **F04C 29/04** (2006.01); **F04C 29/06** (2006.01)

CPC (source: EP)  
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Citation (search report)  
• No further relevant documents disclosed  
• See references of WO 2016139873A1

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Designated extension state (EPC)  
BA ME

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