

Title (en)  
Rotary compressor

Title (de)  
Rotationsverdichter

Title (fr)  
Compresseur rotatif

Publication  
**EP 2918773 B1 20200101 (EN)**

Application  
**EP 15158793 A 20150312**

Priority  
JP 2014051615 A 20140314

Abstract (en)  
[origin: EP2918773A1] In this rotary compressor, a rotary compression mechanism driven through a crankshaft coupled with a drive source includes: a cylinder main body (9) forming a cylinder chamber (8); bearings installed respectively on upper and lower surfaces of the cylinder main body (9) and supporting the crankshaft; and a rotor fitted in an eccentric part of the crankshaft and rotating inside the cylinder chamber (8), at least the cylinder main body (9) and the bearings being integrated by fastening a bolt penetrating in the axial direction of the crankshaft. A deformation absorbing part such as a through-slit (20), which leads deformation during bolt fastening in at least one of the radially outward direction and the circumferential direction, is provided in a region around a bolt hole (9a) of the cylinder main body (9).

IPC 8 full level  
**F01C 21/10** (2006.01); **F04C 18/356** (2006.01)

CPC (source: EP)  
**F01C 21/106** (2013.01); **F04C 18/3564** (2013.01); **F04C 2230/60** (2013.01); **F04C 2240/805** (2013.01)

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