

Title (en)
ROTARY MACHINE

Title (de)
DREHMASCHINE

Title (fr)
MACHINE ROTATIVE

Publication
EP 3396166 A4 20181031 (EN)

Application
EP 17747617 A 20170206

Priority
• JP 2016020978 A 20160205
• JP 2017004197 W 20170206

Abstract (en)
[origin: EP3396166A1] The present invention is provided with: a housing including a tubular side wall section (35) and a plurality of protruding sections (35A) provided to the inner side of the side wall section (35); and a first radial bearing (32) that is accommodated within the housing and that includes a bearing main body (65) and extending sections (66) which extend in a direction from the bearing main body (65) toward the side wall section (35) to reach the inner side of the side wall section (35). The plurality of protruding sections (35A) and a plurality of recessed sections (69) are disposed in a direction intersecting the radial direction D and the thrust direction of a rotating shaft and/or a radial direction D, and the protruding sections (35A) are thermocompression bonded to the plurality of recessed sections (69).

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Citation (search report)
• [Y] WO 9321440 A1 19931028 - COPELAND CORP [US]
• [Y] EP 0872641 A1 19981021 - COPELAND CORP [US]
• [Y] US 5613841 A 19970325 - BASS MARK [US], et al
• [A] US 2006127260 A1 20060615 - UM KWANG-NO [KR]
• [A] WO 2015075851 A1 20150528 - MITSUBISHI HEAVY IND LTD [JP]
• See references of WO 2017135467A1

Designated contracting state (EPC)
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