

Title (en)
Axial sealing.

Title (de)
Axialdichtung.

Title (fr)
Joint d'étanchéité axial.

Publication
EP 0415089 A2 19910306 (DE)

Application
EP 90114439 A 19900727

Priority
DE 3925269 A 19890731

Abstract (en)
Axial seal (30) with retaining ring (31) and sealing ring (41) integrally fixed to this. The retaining ring (31) is composed of a thermoplastic material with extrusion-resistant core and somewhat compliant surface (32) which, owing to the compressed sealing ring (41) and the oil pressure, is pressed against the wall (22) of the gap (21) to be sealed. <IMAGE>

Abstract (de)
Axialdichtung (30) mit Sperring (31) und einstückig daran befestigtem Dichtring (41). Der Sperring (31) besteht aus einem Thermoplast mit extrusionsfestem Kern und etwas nachgiebiger Oberfläche (32), die aufgrund des zusammengepreßten Dichtrings (41) und des Öldrucks gegen die Wandung (22) des abzudichtenden Spaltes (21) gepreßt wird.

IPC 1-7
F04C 2/08; **F04C 2/14**; **F04C 15/00**; **F16J 15/10**

IPC 8 full level
F04C 2/08 (2006.01); **F04C 2/14** (2006.01); **F04C 15/00** (2006.01); **F16J 15/10** (2006.01)

CPC (source: EP)
F04C 15/0023 (2013.01)

Cited by
DE102015017078B4; DE102015105933A1; DE102015105933B4; DE4326627B4; US5308287A; EP0540067A3; CN106050647A; DE102015017078A1; EP3081741A2; US10082139B2; EP3521560A2; EP3617447A2; US11143181B2; DE202016009177U1; DE202016009178U1; DE202016009179U1; EP4234883A1; EP4234931A2

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