

Title (en)

High pressure seal

Title (de)

Addichtungsvorrichtung für einen Übergangsbereich an Hochdruckbauteilen

Title (fr)

Joint d'étanchéité haute pression

Publication

EP 1184572 A3 20030319 (DE)

Application

EP 01117578 A 20010720

Priority

DE 10042305 A 20000829

Abstract (en)

[origin: EP1184572A2] The sealing device has a mainly ring-shaped high pressure seal (1) located on a transitional section of the high pressure components (2,3), and a low pressure seal (12). This is positioned about the high pressure seal for sealing against any leakage occurring through that seal. The high pressure seal is of metal, e.g. steel or spring steel, or plastic, esp. elastomer, or of caoutchouc, and is under tension when fitted. The low pressure seal is of metal, plastic, caoutchouc, or of plastic-coated metal.

IPC 1-7

F04B 53/00; **F04B 53/16**; **F04B 1/04**

IPC 8 full level

F04B 1/04 (2006.01); **F04B 53/00** (2006.01); **F04B 53/16** (2006.01)

CPC (source: EP)

F04B 1/0448 (2013.01); **F04B 53/007** (2013.01); **F04B 53/16** (2013.01); **F02M 59/44** (2013.01); **F02M 2200/16** (2013.01)

Citation (search report)

- [A] DE 19802476 A1 19990729 - BOSCH GMBH ROBERT [DE]
- [A] DE 19726572 A1 19981224 - MANNESMANN REXROTH AG [DE]
- [A] EP 1013921 A2 20000628 - DENSO CORP [JP]

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Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

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