

Title (en)

SEALING ARRANGEMENT FOR SEALING A GAP BETWEEN TWO COMPONENTS WHICH CAN ROTATE IN RELATION TO EACH OTHER ABOUT A COMMON ROTATIONAL AXIS

Title (de)

DICHTUNGSANORDNUNG ZUM ABDICHTEN EINES SPALTES ZWISCHEN ZWEI RELATIV ZUEINANDER UM EINE GEMEINSAME DREHACHSE DREHBEWEGLICHEN BAUTEILEN

Title (fr)

ENSEMBLE D'ETANCHEITE SERVANT A COLMATER UN ESPACE ENTRE DEUX PIECES POUVANT TOURNER L'UNE PAR RAPPORT A L'AUTRE AUTOUR D'UN AXE DE ROTATION COMMUN

Publication

EP 1516137 A1 20050323 (DE)

Application

EP 03760561 A 20030613

Priority

- DE 0301973 W 20030613
- DE 10227630 A 20020621

Abstract (en)

[origin: WO2004001257A1] The invention relates to a sealing arrangement (10) for sealing a gap between two components (12, 16) which can rotate in relation to each other about a common rotational axis (18), comprising a brush seal (22) which is securely arranged in a first component (12 or 16) and co-operates with a sealing surface (32) of the second component (16 or 12). The invention is characterised in that the sealing surface (32) is embodied as a cone, whereby at least one component (12 or 16) can be axially displaced or adjusted in relation to the other component (16 or 12).

IPC 1-7

F16J 15/32

IPC 8 full level

F16J 15/22 (2006.01); **F16J 15/32** (2006.01)

CPC (source: EP US)

F16J 15/3288 (2013.01 - EP US)

Citation (search report)

See references of WO 2004001257A1

Citation (examination)

- DE 3507638 A1 19860918 - MTU MUENCHEN GMBH [DE]
- US 5029875 A 19910709 - SPAIN RAYMOND G [US], et al
- US 6152454 A 20001128 - MARNOT PAUL HENRI [FR]

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

WO 2004001257 A1 20031231; DE 10227630 A1 20040115; EP 1516137 A1 20050323; JP 2005530117 A 20051006; JP 4391934 B2 20091224; US 2006131814 A1 20060622; US 7523943 B2 20090428

DOCDB simple family (application)

DE 0301973 W 20030613; DE 10227630 A 20020621; EP 03760561 A 20030613; JP 2004514557 A 20030613; US 51848305 A 20050713