

Title (en)

PEDAL ASSEMBLY BEARING OR HUB BEARING

Title (de)

TRETLAGER- ODER RADNABENLAGERANORDNUNG

Title (fr)

ENSEMBLE PALIER DE PEDALIER OU PALIER DE MOYEU

Publication

**EP 1794006 A1 20070613 (DE)**

Application

**EP 05792265 A 20050909**

Priority

- EP 2005009698 W 20050909
- DE 102004045014 A 20040915

Abstract (en)

[origin: WO2006029673A1] The sealing arrangement of a bicycle comprises the following features: a first element which extends in the axial direction; a second element which extends in the axial direction and at least partly encloses the first element; the elements are mounted in such a way that they can rotate in relation to each other; a space to be sealed, which extends between the two elements, is in the region of at least one axial end section of one of the elements closed with a sealing ring that is arranged between the two elements; the sealing ring is attached to the second element and comprises a sealing lip which makes sealingly contact with a surface extending radially and completely encircling the first element; and bottom bracket ball bearing and/or bicycle hub with said sealing arrangement.

IPC 8 full level

**B60B 27/02** (2006.01); **B62M 1/36** (2013.01); **B62K 19/34** (2006.01); **G05G 1/30** (2008.04)

CPC (source: EP US)

**B60B 27/0005** (2013.01 - EP US); **B60B 27/001** (2013.01 - EP US); **B60B 27/0073** (2013.01 - EP US); **B60B 27/023** (2013.01 - EP US); **B62M 3/003** (2013.01 - EP US); **F16C 19/49** (2013.01 - EP US); **F16C 33/76** (2013.01 - EP US); **F16C 2326/28** (2013.01 - EP US); **Y10T 74/2164** (2015.01 - EP US)

Citation (search report)

See references of WO 2006029766A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

**WO 2006029673 A1 20060323**; DE 102004045014 A1 20060330; DE 102004045014 B4 20070628; EP 1794006 A1 20070613; EP 1802518 A1 20070704; US 2007296155 A1 20071227; US 2008124018 A1 20080529; WO 2006029766 A1 20060323

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