

Title (en)

CASSETTE SEAL FOR A RADIAL BEARING AND INSTALLATION METHOD

Title (de)

KASSETTENDICHTUNG FÜR RADIALLAGER UND INSTALLATIONSVERFAHREN

Title (fr)

JOINT D'ÉTANCHÉITÉ À CASSETTE POUR PALIER RADIAL ET PROCÉDÉ D'INSTALLATION

Publication

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Application

EP 10784477 A 20101117

Priority

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Abstract (en)

[origin: WO2011064126A2] The invention relates to a cassette seal for sealing a radial bearing, wherein the cassette seal has two rings which are movable relative to one another and the two rings have a hollow cylindrical part and a radially extending part, wherein the hollow cylindrical parts are radially opposite and the radially extending parts are axially opposite when in an operating state. The aim of the invention is to increase the effectiveness of the seal and to simultaneously enable simple installation of the cassette seals. Said aim is achieved in that an outer radius of the radially extending part of the second ring is larger than the largest inner radius of the hollow cylindrical part of the first ring and smaller than the outer radius of the hollow cylindrical part of the first ring. It is thus possible according to the invention to create a labyrinth seal which better protects the interior of the cassette seals and thus also the rolling space of the radial bearing from outside influences, such as moisture and dirt particles, as the same material cost.

IPC 8 full level

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