

Title (en)

A slurry pump

Title (de)

Dickstoffpumpe

Title (fr)

Pompe pour matière épaisse

Publication

EP 1705380 A1 20060927 (EN)

Application

EP 06111998 A 20060330

Priority

EP 06111998 A 20060330

Abstract (en)

The invention refers to a slurry pump incorporating an impeller (2) being rotatably positioned in an impeller housing (7) and being fitted to a driven shaft (3), which is supported in locating rolling bearings (9) adapted to take up radial and axial loads and in a non-locating rolling bearing (10) primarily intended to take up radial loads, whereby the rolling bearings (9, 10) are all positioned outside the impeller housing (7), with the bearings spaced apart, and with the non-locating rolling bearing (10) being a toroidal roller bearing, with ability of taking up axial displacement and angular misalignment.

IPC 8 full level

F04D 7/04 (2006.01)

CPC (source: EP)

F04D 29/049 (2013.01)

Citation (search report)

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- [A] SKF - PUBLICATION 4815 E, THE BETTER SOLUTION FOR PULP AND PAPER MACHINERY, 1999, pages 1 - 4, XP002383174, Retrieved from the Internet <URL:http://www.skf.com/files/058929.pdf> [retrieved on 20060530]

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CN114837955A; EP2643594B1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

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