

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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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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