

Title (en)
INSTRUMENTED ROLLER BEARING

Title (de)
INSTRUMENTIERTES WÄLZLAGER

Title (fr)
PALIER A ROULEMENT INSTRUMENTE

Publication
EP 1639375 A2 20060329 (FR)

Application
EP 04767413 A 20040622

Priority
• FR 2004001557 W 20040622
• FR 0307772 A 20030627

Abstract (en)
[origin: WO2005001301A2] The invention relates to a bearing support with an instrumented movement (1), comprising a non-rotating bush (2), a rotating bush (3), roller elements (4), arranged between the rotating (3) and non-rotating (2) bushes and an information recorder unit, with a sensor (7) and a coder (8), comprising a substrate (16) made from an electrically non-conducting material and a thin layer (17) of electrically-conducting material, supported by the substrate (16). The substrate (16) is fixed in rotation with the rotating bush (3).

IPC 1-7
G01P 3/49; **G01P 3/44**; **G01D 5/25**; **F16C 33/30**

IPC 8 full level
F16C 19/52 (2006.01); **G01D 5/20** (2006.01); **G01P 3/44** (2006.01); **G01P 3/488** (2006.01); **G01P 3/49** (2006.01)

CPC (source: EP US)
F16C 41/007 (2013.01 - EP US); **G01D 5/202** (2013.01 - EP US); **G01P 3/443** (2013.01 - EP US); **G01P 3/488** (2013.01 - EP US); **G01P 3/49** (2013.01 - EP US); **F16C 19/06** (2013.01 - EP US); **F16C 2300/02** (2013.01 - EP US); **G01D 2205/73** (2021.05 - EP); **G01D 2205/775** (2021.05 - EP)

Citation (search report)
See references of WO 2005001301A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
FR 2856757 A1 20041231; **FR 2856757 B1 20061020**; EP 1639375 A2 20060329; JP 2007514924 A 20070607; US 2007053622 A1 20070308; WO 2005001301 A2 20050106; WO 2005001301 A3 20050317

DOCDB simple family (application)
FR 0307772 A 20030627; EP 04767413 A 20040622; FR 2004001557 W 20040622; JP 2006516310 A 20040622; US 56247604 A 20040622