

Title (en)

INSTRUMENTED ANTIFRICTION BEARING FOR CONTROL WHEEL

Title (de)

INSTRUMENTIERTES WÄLZLAGER FÜR EIN LENKRAD

Title (fr)

PALIER A ROULEMENT INSTRUMENTÉ POUR VOLANT DE COMMANDE

Publication

EP 1287266 A1 20030305 (FR)

Application

EP 01940662 A 20010601

Priority

- FR 0101702 W 20010601
- FR 0007297 A 20000607

Abstract (en)

[origin: FR2810088A1] The bearing for mounting a steering wheel (44) has a fixed external section (1) and an internal section (8) which can rotate, and ball bearings (12) mounted between them. Sensors (22, 23) detect the degree of rotation of the steering wheel. The outer end (10) of the internal section has bores (11) allowing the steering wheel to be screwed to it and the outer section has a flange (3a) which allows it to be screwed in position.

IPC 1-7

F16C 19/52; B62D 1/04

IPC 8 full level

B62D 1/04 (2006.01); **B62D 1/16** (2006.01); **B62D 5/04** (2006.01); **B62D 15/02** (2006.01); **F16C 19/06** (2006.01); **F16C 19/52** (2006.01);
F16C 41/00 (2006.01); **F16D 55/06** (2006.01); **F16D 55/16** (2006.01); **F16D 59/00** (2006.01); **F16F 7/04** (2006.01)

CPC (source: EP US)

B62D 1/04 (2013.01 - EP US); **B62D 15/02** (2013.01 - EP US); **F16C 41/007** (2013.01 - EP US); **F16D 55/06** (2013.01 - EP US);
F16D 59/00 (2013.01 - EP US); **F16F 7/04** (2013.01 - EP US); **F16C 19/06** (2013.01 - EP US); **F16C 2326/24** (2013.01 - EP US);
Y10T 74/20262 (2015.01 - EP US)

Citation (search report)

See references of WO 0194800A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

FR 2810088 A1 20011214; FR 2810088 B1 20040604; CA 2411746 A1 20011213; CA 2412354 A1 20011213; EP 1287266 A1 20030305;
EP 1287267 A1 20030305; JP 2003536029 A 20031202; JP 2003536030 A 20031202; US 2003173161 A1 20030918;
US 2004052439 A1 20040318; US 6868948 B2 20050322; US 6984071 B2 20060110; WO 0194800 A1 20011213; WO 0194801 A1 20011213

DOCDB simple family (application)

FR 0007297 A 20000607; CA 2411746 A 20010601; CA 2412354 A 20010601; EP 01940662 A 20010601; EP 01940663 A 20010601;
FR 0101702 W 20010601; FR 0101703 W 20010601; JP 2002502322 A 20010601; JP 2002502323 A 20010601; US 29698502 A 20021202;
US 29771603 A 20030922