

Title (en)

DEVICE AND METHOD FOR MEASURING TORSIONAL MOMENT

Title (de)

EINRICHTUNG UND VERFAHREN ZUR MESSUNG EINES TORSIONSMOMENTS

Title (fr)

DISPOSITIF ET PROCEDE DE MESURE DE COUPLE DE TORSION

Publication

**EP 1875184 A2 20080109 (FR)**

Application

**EP 06743727 A 20060424**

Priority

- FR 2006000908 W 20060424
- FR 0504088 A 20050422

Abstract (en)

[origin: WO2006111667A2] The invention concerns a device for measuring torsional moment applied to a kinematic assembly comprising detection means capable of delivering a signal representing the angular position A<SUB>1</SUB> of a first element of said kinematic assembly, detecting means capable of delivering a signal representing the angular position A<SUB>2</SUB> of a second element of said kinematic assembly, a storage unit (15a) for storing a correction value C and a processing unit (15) provided with means for applying the correction value C to one of the angular positions A<SUB>1</SUB> or A<SUB>2</SUB>, with  $C = A_{2} - A_{1}$  when the torque applied to the kinematic assembly is null.

IPC 8 full level

**G01L 3/10** (2006.01); **G01D 5/244** (2006.01); **G01D 5/245** (2006.01); **G01L 5/22** (2006.01)

CPC (source: EP US)

**G01D 5/24409** (2013.01 - EP US); **G01D 5/2449** (2013.01 - EP US); **G01D 18/001** (2021.05 - EP US); **G01L 3/104** (2013.01 - EP US); **G01L 3/109** (2013.01 - EP US); **G01L 5/221** (2013.01 - EP US)

Citation (search report)

See references of WO 2006111667A2

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

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

**WO 2006111667 A2 20061026**; **WO 2006111667 A3 20070907**; EP 1875184 A2 20080109; FR 2884918 A1 20061027; FR 2884918 B1 20070810; JP 2008538415 A 20081023; US 2009211376 A1 20090827

DOCDB simple family (application)

**FR 2006000908 W 20060424**; EP 06743727 A 20060424; FR 0504088 A 20050422; JP 2008507133 A 20060424; US 91911506 A 20060424