

Title (en)

METHOD OF RECALIBRATING INERTIAL SENSORS

Title (de)

VERFAHREN ZUR NEUKALIBRIERUNG VON TRÄGHEITSSENSOREN

Title (fr)

PROCÉDÉ DE RÉÉTALONNAGE DE CAPTEURS INERTIELS

Publication

EP 2753938 A4 20150506 (EN)

Application

EP 12829524 A 20120829

Priority

- AU 2011903659 A 20110908
- AU 2011904078 A 20111003
- AU 2012001007 W 20120829

Abstract (en)

[origin: WO2013033753A1] There is provided a method and system of recalibrating a sensor, preferably by determining a sensor bias for an Inertial Measurement Unit (IMU) in a vehicle. The sensor bias is determined by automatically taking measurements when the vehicle is stationary and, once sufficient measurements have been taken, determining the sensor bias to recalibrate the sensor.

IPC 8 full level

G01P 21/00 (2006.01); **G01C 25/00** (2006.01); **G06F 19/00** (2011.01)

CPC (source: EP)

G01C 25/005 (2013.01); **G01P 21/00** (2013.01)

Citation (search report)

- [X] US 2010192662 A1 20100805 - YANNI MAMDOUH KAMAL [CA]
- [X] EP 1970713 A1 20080917 - ASAHI KASEI EMD CORP [JP]
- [X] EP 1788396 A1 20070523 - ASAHI KASEI EMD CORP [JP]
- [X] EP 1221586 A2 20020710 - MOTOROLA INC [US]
- See references of WO 2013033753A1

Cited by

CN116698086A

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2013033753 A1 20130314; AR 087798 A1 20140416; AU 2012307067 A1 20140306; AU 2012307067 B2 20140911; BR 112014005265 A2 20170328; CA 2848150 A1 20130314; CN 103782179 A 20140507; EP 2753938 A1 20140716; EP 2753938 A4 20150506

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AU 2012001007 W 20120829; AR P120103294 A 20120906; AU 2012307067 A 20120829; BR 112014005265 A 20120829; CA 2848150 A 20120829; CN 201280043406 A 20120829; EP 12829524 A 20120829