

Title (en)

DEVICE AND METHOD FOR CORRECTING AGING EFFECTS OF A MEASUREMENT SENSOR

Title (de)

EINRICHTUNG UND VERFAHREN ZUM KORRIGIEREN VON ALTERUNGSEFFEKTEN EINES MESSSENSORS

Title (fr)

DISPOSITIF ET PROCEDE DE CORRECTION DES EFFETS DU VIEILLISSEMENT D'UN CAPTEUR DE MESURE

Publication

**EP 1934558 A1 20080625 (FR)**

Application

**EP 06793955 A 20061003**

Priority

- EP 2006066998 W 20061003
- FR 0510514 A 20051014

Abstract (en)

[origin: WO2007042427A1] The invention concerns a method for correcting aging effects of a measurement sensor, when the sensor is switched on. The invention also concerns a device delivering measurements after the aging effects of the device have been corrected. The invention is characterized in that the method for correcting aging effects of a sensor includes, when the processing unit is switched on, the following steps: transmitting information in absolute time from a satellite positioning receiver to a processing unit; determining the age of the sensor by comparing a manufacturing date of the sensor and absolute time information; determining corrections to be made to a measurement of the sensor based on the age of the sensor and the degradation law; applying the corrections on the measurement of the sensor.

IPC 8 full level

**G01C 25/00** (2006.01); **G01D 3/02** (2006.01)

CPC (source: EP US)

**G01C 25/00** (2013.01 - EP US); **G01D 3/022** (2013.01 - EP US)

Citation (search report)

See references of WO 2007042427A1

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

DOCDB simple family (publication)

**WO 2007042427 A1 20070419**; EP 1934558 A1 20080625; FR 2892193 A1 20070420; FR 2892193 B1 20071228; US 2008228421 A1 20080918; US 7584069 B2 20090901

DOCDB simple family (application)

**EP 2006066998 W 20061003**; EP 06793955 A 20061003; FR 0510514 A 20051014; US 8947106 A 20061003