

Title (en)

AIR NAVIGATION DEVICE WITH INERTIAL SENSOR UNITS, RADIO NAVIGATION RECEIVERS, AND AIR NAVIGATION TECHNIQUE USING SUCH ELEMENTS

Title (de)

LUFTNAVIGATIONSEINRICHTUNG MIT TRÄGHEITSSENSOREINHEITEN, FUNKNAVIGATIONSEMPFÄNGER UND SOLCHE ELEMENTE VERWENDENDE FUNKNAVIGATIONSTECHNIK

Title (fr)

DISPOSITIF DE NAVIGATION AERIENNE A CAPTEURS INERTIELS ET RECEPTEURS DE RADIONAVIGATION ET PROCEDE DE NAVIGATION AERIENNE UTILISANT DE TELS ELEMENTS

Publication

**EP 2021822 A1 20090211 (FR)**

Application

**EP 07729302 A 20070521**

Priority

- EP 2007054858 W 20070521
- FR 0604508 A 20060519

Abstract (en)

[origin: CA2653123A1] The present invention relates to an air navigation device with inertial sensor units and three-measuring-channel radio navigation receivers. It is characterized in that in two (10,12) of the three channels the inertial measuring units are ~low performance~ type MEMS with approximately 1°/h to 10°/h class gyro, the third channel comprising an inertial measuring unit (15) performing in compliance with standard ARINC 738.

IPC 8 full level

**G01S 5/14** (2006.01); **G01C 21/16** (2006.01); **G01S 19/33** (2010.01); **G01S 19/47** (2010.01)

CPC (source: EP US)

**G01C 21/165** (2013.01 - EP US); **G01S 19/33** (2013.01 - EP US); **G01S 19/47** (2013.01 - EP US)

Citation (search report)

See references of WO 2007135115A1

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 MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

**FR 2901363 A1 20071123**; **FR 2901363 B1 20100423**; CA 2653123 A1 20071129; EP 2021822 A1 20090211; RU 2008150349 A 20100627; RU 2434248 C2 20111120; US 2012004846 A1 20120105; WO 2007135115 A1 20071129

DOCDB simple family (application)

**FR 0604508 A 20060519**; CA 2653123 A 20070521; EP 07729302 A 20070521; EP 2007054858 W 20070521; RU 2008150349 A 20070521; US 30134207 A 20070521