

Title (en)

METHOD AND APPARATUS FOR AN INTEGRATED GPS RECEIVER AND ELECTRONIC COMPASSING SENSOR DEVICE

Title (de)

VERFAHREN UND VORRICHTUNG FÜR EINE INTEGRIERTE EINRICHTUNG MIT GPS-EMPFÄNGER UND ELEKTRONISCHEM KOMPASSENSOR

Title (fr)

PROCEDE ET SYSTEME POUR DISPOSITIF INTEGRANT UN RECEPTEUR GPS ET UN DETECTEUR DE MARQUAGE ELECTRONIQUE DE CERCLES

Publication

EP 1613927 A1 20060111 (EN)

Application

EP 04775885 A 20040413

Priority

- US 2004011318 W 20040413
- US 46287203 P 20030415
- US 75494704 A 20040108

Abstract (en)

[origin: WO2005017456A1] At least one magnetic field sensing device and GPS receiver integrated in a discrete, single-chip package, and a method of manufacture for the same. Rather than requiring at least two separate chips to be used to realize GPS positioning and compassing capabilities in a single device, an integrated, single chip solution can be used. A single chip integration of a GPS receiver and at least one magnetic field sensing device can reduce the physical space required to provide positioning and electronic compassing capabilities in a single device, and therefore allow such devices to be smaller, lighter, and possibly more portable.

IPC 1-7

G01C 21/20

IPC 8 full level

G01C 21/20 (2006.01)

CPC (source: EP)

B82Y 25/00 (2013.01); **G01R 33/093** (2013.01); **G01R 33/096** (2013.01); **G01S 19/14** (2013.01); **G01S 19/36** (2013.01)

Citation (search report)

See references of WO 2005017456A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2005017456 A1 20050224; EP 1613927 A1 20060111; TW 200510754 A 20050316

DOCDB simple family (application)

US 2004011318 W 20040413; EP 04775885 A 20040413; TW 93110411 A 20040414