

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 KOMPASSSENSOR

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

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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.

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IPC 8 full level

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