

Title (en)

GLOBAL POSITIONING RECEIVER WITH CROSS-CORRELATION ERROR CORRECTION

Title (de)

EMPFÄNGER MIT KORREKTUR VON INTER-KORRELATIONSFEHLERN ZUR POSITIONSBESTIMMUNG MIT SATELLITEN

Title (fr)

RECEPTEUR DE POSITIONNEMENT PAR SATELLITE AVEC CORRECTION D'ERREURS D'INTER-CORRELATION

Publication

EP 1529221 A2 20050511 (FR)

Application

EP 03756500 A 20030718

Priority

- FR 0302288 W 20030718
- FR 0210276 A 20020813

Abstract (en)

[origin: FR2843638A1] The global positioning receiver has a correlation channel (CLi) per satellite channel. Each channel has a phase and quadrature correlation channel (12) for correlation between the received signal (Sr) and two local quadrature carriers generated by a digital carrier oscillator. It has, for each satellite correlator channel (CLi), as many supplementary correlation channels (Cix) as the supplementary satellites.

IPC 1-7

G01S 1/04

IPC 8 full level

G01S 19/21 (2010.01); **G01S 1/00** (2006.01)

CPC (source: EP US)

G01S 19/21 (2013.01 - EP US); **G01S 19/30** (2013.01 - EP US)

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

FR 2843638 A1 20040220; **FR 2843638 B1 20041022**; CA 2494519 A1 20040226; EP 1529221 A2 20050511; US 2005248483 A1 20051110; US 7064707 B2 20060620; WO 2004017089 A2 20040226; WO 2004017089 A3 20040513

DOCDB simple family (application)

FR 0210276 A 20020813; CA 2494519 A 20030718; EP 03756500 A 20030718; FR 0302288 W 20030718; US 52110705 A 20050113