

Title (en)

PHASE AMBIGUITY RESOLUTION METHOD FOR A SATELLITE-BASED POSITIONING SYSTEM

Title (de)

PHASENMEHRDEUTIGKEITSBESTIMMUNGSVERFAHREN FÜR EIN SATELLITENGESTÜTZTES POSITIONIERUNGSSYSTEM

Title (fr)

PROCEDE DE DETERMINATION D'AMBIGUITE DE PHASE POUR UN SYSTEME DE POSITIONNEMENT PAS SATELLITE

Publication

**EP 1883836 A1 20080206 (DE)**

Application

**EP 06753644 A 20060516**

Priority

- EP 2006004610 W 20060516
- EP 05104209 A 20050518
- EP 06753644 A 20060516

Abstract (en)

[origin: EP1724605A1] A satellite based position system position determination procedure transmits (2) three carrier frequencies (3,4,5) and derives pseudo sections (5a) and phase sections (4b, 5b) from the received (1) signals and combines the first and second frequency carrier phase section with the third frequency pseudo section. Independent claims are included for a computer program product implementing the procedure.

IPC 8 full level

**G01S 5/14** (2006.01); **G01S 19/32** (2010.01); **G01S 19/44** (2010.01)

CPC (source: EP US)

**G01S 19/32** (2013.01 - EP US); **G01S 19/44** (2013.01 - EP US)

Citation (search report)

See references of WO 2006122748A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 1724605 A1 20061122**; AU 2006246664 A1 20061123; AU 2006246664 B2 20091008; CA 2608558 A1 20061123; CA 2608558 C 20141014; CN 101176014 A 20080507; CN 101176014 B 20110914; EP 1883836 A1 20080206; JP 2008541109 A 20081120; US 2008204312 A1 20080828; US 7728767 B2 20100601; WO 2006122748 A1 20061123

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**EP 05104209 A 20050518**; AU 2006246664 A 20060516; CA 2608558 A 20060516; CN 200680016592 A 20060516; EP 06753644 A 20060516; EP 2006004610 W 20060516; JP 2008511610 A 20060516; US 91472006 A 20060516