Title (en)

MAPPING METHOD IMPLEMENTING A PASSIVE RADAR

Title (de)

ABBILDUNGSVERFAHREN ZUR IMPLEMENTIERUNG EINES PASSIV-RADARS

Title (fr)

PROCEDE DE CARTOGRAPHIE METTANT EN OEUVRE UN RADAR PASSIF

Publication

EP 2232295 A2 20100929 (FR)

Application

EP 08852267 A 20081124

Priority

- EP 2008066079 W 20081124
- FR 0708213 A 20071123

Abstract (en)

[origin: WO2009065957A2] The invention relates to a mapping method that implements a radar operated in a passive mode. Such a radar can be used for locating an object capable of reflecting an electromagnetic wave generated by a transmitter having a known position. The method comprises using mobile objects (3) capable of reflecting the radiations received from opportunity transmitters (2). The method comprises the following steps: determining, in a distance Doppler matrix of the radar (1), points related to the deviations between the radiations directly received from the transmitters (2) and the radiations reflected by the mobile object (3); reporting on a map to be developed a probable area for locating the singularities of the electromagnetic field generated or reflected by the ground; overlaying a plurality of probable areas during the movement of the mobile object (3) in order to obtain the location of the singularities.

IPC 8 full level

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CPC (source: EP US)

G01S 5/06 (2013.01 - EP US); **G01S 13/003** (2013.01 - EP US); **G01S 13/87** (2013.01 - EP US)

Citation (search report)

See references of WO 2009065957A2

Designated contracting state (EPC)

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DOCDB simple family (publication)

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