

Title (en)

PULSED RADAR DEVICE AND METHOD FOR REGISTERING, DETECTING AND/OR EVALUATING AT LEAST ONE OBJECT

Title (de)

PULSRADARVORRICHTUNG UND VERFAHREN ZUM ERFASSEN, ZUM DETEKTIEREN UND/ODER ZUM AUSWERTEN VON MINDESTENS EINEM OBJEKT

Title (fr)

DISPOSITIF DE RADAR A IMPULSIONS ET PROCEDE D'INTERCEPTION, DE DETECTION ET/OU D'EVALUATION D'AU MOINS UN OBJET

Publication

**EP 1481260 A1 20041201 (DE)**

Application

**EP 02794986 A 20021211**

Priority

- DE 0204537 W 20021211
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Abstract (en)

[origin: WO03073124A1] The aim of the invention is to develop a pulsed radar device (100), in addition to a method for registering, detecting and/or evaluating at least one object, in such a way that information relating not only to the distance, but also to the angular position of the object to be detected is received. To achieve this, the receiving antenna unit (30) of the pulsed radar device (100) is configured as at least one group antenna comprising at least two antenna elements (32, 34, 36, 38) and is designed to receive the signals reflected by the object as vectorial signals. In addition, at least one receiving circuit (70), in particular a low frequency receiving circuit, is connected downstream of the receiving branch (50) of the pulsed radar device (100), for evaluating and processing the received vectorial signals, in such a way that the angular position of the object or objects can be measured and determined.

IPC 1-7

**G01S 13/44**; **G01S 7/288**

IPC 8 full level

**G01S 7/288** (2006.01); **G01S 13/42** (2006.01); **G01S 13/44** (2006.01); **G01S 13/00** (2006.01); **G01S 13/28** (2006.01); **G01S 13/93** (2006.01); **G01S 13/931** (2020.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 03073124A1

Citation (examination)

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