

Title (en)

RADAR DEVICE AND METHOD FOR CODING A RADAR DEVICE

Title (de)

RADAREINRICHTUNG UND VERFAHREN ZUM CODIEREN EINER RADAREINRICHTUNG

Title (fr)

DISPOSITIF RADAR ET PROCEDE POUR CODER UN DISPOSITIF RADAR

Publication

**EP 1261883 A1 20021204 (DE)**

Application

**EP 01989417 A 20011218**

Priority

- DE 0104741 W 20011218
- DE 10100417 A 20010108

Abstract (en)

[origin: WO02054107A1] The invention relates to a radar device with means (12), for generating a first code, means (18), for modulating a transmission signal in a transmission branch with the first code, means (32), for delaying the first code, means (20), for modulating a signal in a receiver branch with the delayed first code and means for mixing a reference signal with a received signal, whereby several receiver channels (111, 112, 11k) are provided. Receiver channels (111, 112, 11k) comprise means (1201, 1202, 120K), for the generation of further codes (C1, C2, Ck), receiver channels (111, 112, 11k) comprise means (131, 132, 13k), for demodulation with the further codes (C1, C2, Ck) and means (15). for modulating the transmitter signal with at least one of the further codes (C1, C2, Ck) are provided. The invention further relates to a method which may be carried out to advantage with said radar device.

IPC 1-7

**G01S 13/32**

IPC 8 full level

**G01S 7/282** (2006.01); **G01S 13/32** (2006.01)

CPC (source: EP US)

**G01S 7/023** (2013.01 - EP US); **G01S 7/0234** (2021.05 - EP US); **G01S 7/0235** (2021.05 - EP US); **G01S 7/282** (2013.01 - EP US); **G01S 13/325** (2013.01 - EP US); **G01S 13/931** (2013.01 - EP US)

Citation (search report)

See references of WO 02054107A1

Designated contracting state (EPC)

DE ES FR GB IT SE

DOCDB simple family (publication)

**WO 02054107 A1 20020711**; DE 10100417 A1 20020711; EP 1261883 A1 20021204; US 2003184469 A1 20031002; US 6822605 B2 20041123

DOCDB simple family (application)

**DE 0104741 W 20011218**; DE 10100417 A 20010108; EP 01989417 A 20011218; US 22107202 A 20021108