Title (en)

RADAR SENSOR SYSTEM AND METHOD FOR PRODUCING A RADAR SENSOR SYSTEM

Title (de)

RADARSENSORSYSTEM UND VERFAHREN ZUM HERSTELLEN EINES RADARSENSORSYSTEMS

Title (fr)

SYSTÈME DE DÉTECTEUR RADAR ET PROCÉDÉ DE FABRICATION D'UN SYSTÈME DE DÉTECTEUR RADAR

Publication

EP 3794366 A1 20210324 (DE)

Application

EP 19709708 A 20190307

Priority

- DE 102018207716 A 20180517
- EP 2019055697 W 20190307

Abstract (en)

[origin: WO2019219261A1] Radar sensor system (100) having: - at least two RF components (10a, 10b) each having at least one antenna (11a, 11b) for transmitting and/or receiving radar waves and each having at least one antenna controller for operating the at least one antenna (11a, 11b); and - a synchronization line (20) which is used to functionally connect the RF components (10a, 10b); wherein - a length of the synchronization line (20) is such that a detected target can be represented as a pair of bins in a baseband, the bins in the pair of bins being offset by a defined extent from one another.

IPC 8 full level

G01S 7/00 (2006.01); **G01S 13/00** (2006.01); **G01S 13/87** (2006.01); **G01S 13/931** (2020.01)

CPC (source: EP KR US)

G01S 7/003 (2013.01 - EP KR US); **G01S 7/03** (2013.01 - KR US); **G01S 7/4017** (2013.01 - US); **G01S 13/003** (2013.01 - EP KR); **G01S 13/87** (2013.01 - EP KR); **G01S 13/931** (2013.01 - EP KR US)

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

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DE 102018207716 A1 20191121; CN 112136058 A 20201225; CN 112136058 B 20240607; EP 3794366 A1 20210324; JP 2021523380 A 20210902; KR 20210010519 A 20210127; MX 2020012211 A 20210129; US 2021063528 A1 20210304; WO 2019219261 A1 20191121

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DE 102018207716 A 20180517; CN 201980033056 A 20190307; EP 19709708 A 20190307; EP 2019055697 W 20190307; JP 2020564395 A 20190307; KR 20207035866 A 20190307; MX 2020012211 A 20190307; US 201917042075 A 20190307