

Title (en)

RADAR SYSTEM COMPRISING AN ANALYSIS UNIT BUILT INTO A RADAR SENSOR HEAD

Title (de)

RADARSYSTEM MIT IN EINEM RADARSENSORKOPF INTEGRIERTER ANALYSEEINHEIT

Title (fr)

SYSTÈME RADAR COMPORTANT UNE UNITÉ D'ANALYSE INTÉGRÉE DANS UNE TÊTE DE CAPTEUR RADAR

Publication

EP 3737963 A1 20201118 (DE)

Application

EP 18800609 A 20181108

Priority

- DE 102018200394 A 20180111
- EP 2018080694 W 20181108

Abstract (en)

[origin: WO2019137655A1] The invention relates to a radar system for a vehicle, comprising at least one central control unit for transmitting data and for processing received data, and at least one radar sensor head which is at a distance from the at least one central control unit and comprises at least one transmitting antenna for producing radar waves and at least one receiving antenna for receiving radar waves, as well as at least one data line between the at least one central control unit and the at least one radar sensor head, the at least one radar sensor head comprising an analysis unit installed downstream of an analog-digital converter and upstream of the at least one data line, for at least partially processing digital measuring data produced by the analog-digital converter (16).

IPC 8 full level

G01S 7/03 (2006.01); **G01S 13/87** (2006.01); **G01S 13/931** (2020.01)

CPC (source: EP KR US)

G01S 7/03 (2013.01 - EP KR); **G01S 7/352** (2013.01 - US); **G01S 13/87** (2013.01 - EP KR); **G01S 13/931** (2013.01 - EP KR US); **G01S 7/356** (2021.05 - US); **G01S 2013/9318** (2020.01 - EP); **G01S 2013/93185** (2020.01 - EP); **G01S 2013/9319** (2020.01 - EP)

Citation (search report)

See references of WO 2019137655A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

DE 102018200394 A1 20190711; CN 111587379 A 20200825; EP 3737963 A1 20201118; JP 2021510204 A 20210415; JP 7150856 B2 20221011; KR 20200103109 A 20200901; US 2020363499 A1 20201119; WO 2019137655 A1 20190718

DOCDB simple family (application)

DE 102018200394 A 20180111; CN 201880086099 A 20181108; EP 18800609 A 20181108; EP 2018080694 W 20181108; JP 2020538697 A 20181108; KR 20207022875 A 20181108; US 201816766132 A 20181108