

Title (en)

RADAR SYSTEM COMPRISING A CLOCK GENERATOR BUILT INTO A CENTRAL CONTROL UNIT

Title (de)

RADARSYSTEM MIT IN EINER ZENTRALEN STEUEREINHEIT INTEGRIERTEM TAKTGEBER

Title (fr)

SYSTÈME RADAR COMPORTANT UN GÉNÉRATEUR D'HORLOGE INTÉGRÉ DANS UNE UNITÉ DE COMMANDE CENTRALE

Publication

EP 3737962 A1 20201118 (DE)

Application

EP 18800601 A 20181108

Priority

- DE 102018200395 A 20180111
- EP 2018080638 W 20181108

Abstract (en)

[origin: WO2019137654A1] 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 control unit comprising a clock generator for generating a reference frequency and the reference frequency being transmittable to the at least one radar sensor head via the at least one data line.

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 7/003 (2013.01 - US); **G01S 7/03** (2013.01 - EP KR US); **G01S 7/35** (2013.01 - US); **G01S 13/34** (2013.01 - US); **G01S 13/87** (2013.01 - EP KR); **G01S 13/931** (2013.01 - EP KR 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 2019137654A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

DE 102018200395 A1 20190711; CN 111566509 A 20200821; EP 3737962 A1 20201118; JP 2021510202 A 20210415; JP 7130044 B2 20220902; KR 20200103829 A 20200902; US 11733365 B2 20230822; US 2020278436 A1 20200903; WO 2019137654 A1 20190718

DOCDB simple family (application)

DE 102018200395 A 20180111; CN 201880086101 A 20181108; EP 18800601 A 20181108; EP 2018080638 W 20181108; JP 2020538627 A 20181108; KR 20207022758 A 20181108; US 201816765466 A 20181108