

Title (en)

VEHICLE-TO-X COMMUNICATION MODULE

Title (de)

FAHRZEUG-ZU-X-KOMMUNIKATIONSMODUL

Title (fr)

MODULE DE COMMUNICATION ENTRE VÉHICULE ET X

Publication

**EP 3198302 A1 20170802 (DE)**

Application

**EP 15770865 A 20150924**

Priority

- DE 102014219385 A 20140925
- EP 2015071999 W 20150924

Abstract (en)

[origin: WO2016046323A1] The invention relates to a vehicle-to-X communication module which is configured to transmit operating data to a satellite navigation module. In this way, supply of operating data to the satellite navigation module can be facilitated, in particular, in many cases reception of said operating data by means of Assisted GPS (AGPS) can be dispensed with.

IPC 8 full level

**G01S 19/05** (2010.01)

CPC (source: CN EP US)

**G01S 19/05** (2013.01 - CN EP US); **H04W 4/40** (2018.01 - EP US); **H04W 4/46** (2018.01 - EP US)

Citation (search report)

See references of WO 2016046323A1

Citation (examination)

- DE 102013014106 A1 20140313 - MANDO CORP [KR]
- WO 2014012244 A1 20140123 - RENESAS MOBILE CORP [JP], et al

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 102014219385 A1 20160331**; CN 107076855 A 20170818; EP 3198302 A1 20170802; US 10393878 B2 20190827; US 2018224554 A1 20180809; WO 2016046323 A1 20160331

DOCDB simple family (application)

**DE 102014219385 A 20140925**; CN 201580048601 A 20150924; EP 15770865 A 20150924; EP 2015071999 W 20150924; US 201515506290 A 20150924