Title (en)

METHOD FOR GENERATING A KNOWLEDGE MESSAGE FROM A FIRST ROAD USER, AND METHOD AND DEVICE FOR ASSISTING A SECOND ROAD USER

Title (de)

VERFAHREN ZUR ERZEUGUNG EINER WISSENSNACHRICHT VON EINEM ERSTEN STRASSENBENUTZER SOWIE VERFAHREN UND VORRICHTUNG ZUR UNTERSTÜTZUNG EINES ZWEITEN STRASSENBENUTZERS

Title (fr)

PROCEDE DE GENERATION DE MESSAGE DE CONNAISSANCE D'UN PREMIER USAGER DE LA ROUTE, ET PROCEDE ET DISPOSITIF D'ASSISTANCE D'UN DEUXIEME USAGER DE LA ROUTE

Publication

EP 3977758 A1 20220406 (FR)

Application

EP 20724523 A 20200514

Priority

• FR 1905568 A 20190527
• EP 2020063432 W 20200514

Abstract (en)

[origin: WO2020239455A1] The invention relates to the protection of vulnerable road users. Said vulnerable road users are in particular pedestrians and users of non-motor vehicles such as bicycles, scooters etc. as well as light electric vehicles. The invention relates to a method for generating knowledge messages from a first road user to be sent to at least one device for assisting a second road user, the generation method comprising a step of integrating into the knowledge message at least one calculated datum regarding the status of the first road user. Thus, in addition to the current position of the first road user measured by the smartphone (GPS measurement), the knowledge message includes other items of status data which are based on a calculation. This provides more detailed knowledge regarding the behaviour of the first road user and thus reduces the risk of collisions with a second road user.

IPC 8 full level

H04W 4/024 (2018.01); **H04W 4/02** (2018.01); **H04W 4/029** (2018.01); **H04W 4/40** (2018.01)

CPC (source: EP US)

G01C 21/3626 (2013.01 - US); **H04W 4/024** (2018.01 - EP US); **H04W 4/026** (2013.01 - EP); **H04W 4/027** (2013.01 - EP); **H04W 4/029** (2018.01 - EP US); **H04W 4/14** (2013.01 - US); **H04W 4/40** (2018.01 - EP US)

Citation (search report)

See references of WO 2020239455A1

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)

WO 2020239455 A1 20201203; EP 3977758 A1 20220406; FR 3096861 A1 20201204; US 2022248175 A1 20220804

DOCDB simple family (application)

EP 2020063432 W 20200514; EP 20724523 A 20200514; FR 1905568 A 20190527; US 202017612795 A 20200514