

Title (en)

VEHICLE EMERGENCY RESCUE DEVICE FOR TRANSMITTING EXTENDED ACCIDENT INFORMATION AND METHOD THEREOF

Title (de)

NOTFALLRETTUNGSGERÄT FÜR FAHRZEUGE ZUR ÜBERTRAGUNG VON ERWEITERTEN UNFALLINFORMATIONEN UND VERFAHREN DAFÜR

Title (fr)

DISPOSITIF DE SECOURS D'URGENCE DE VÉHICULE POUR TRANSMETTRE DES INFORMATIONS D'ACCIDENT DÉTAILLÉES ET PROCÉDÉ ASSOCIÉ

Publication

EP 3843059 A4 20220518 (EN)

Application

EP 19851235 A 20190123

Priority

- KR 20180097904 A 20180822
- KR 2019000939 W 20190123

Abstract (en)

[origin: EP3843059A1] Disclosed are a vehicle emergency rescue device and method, the device including an input unit configured to receive a vehicle accident information transmission request based on an external input; an accident determination unit configured to determine whether a vehicle is in an accident by detecting an external shock based on information from shock detection sensors; a first vehicle accident information generation unit configured to generate first vehicle accident information when the input unit receives the vehicle accident information transmission request or when the accident determination unit determines that the vehicle is in the accident; a first vehicle accident information transmission unit configured to transmit the first vehicle accident information and an emergency call connection request to a control center; an emergency voice call unit configured to connect an emergency call to the control center in response to the emergency call connection request; a second vehicle accident information request receiving unit configured to receive a second vehicle accident information request from the control center; a second vehicle accident information generation unit configured to generate second vehicle accident information; and a second vehicle accident information transmission unit configured to transmit the second vehicle accident information to the control center.

IPC 8 full level

G08B 21/18 (2006.01); **G07C 5/00** (2006.01); **G08B 21/04** (2006.01); **G08B 21/10** (2006.01); **G08B 25/00** (2006.01); **G08B 25/01** (2006.01); **G08B 27/00** (2006.01); **G08G 1/00** (2006.01); **H04L 65/10** (2022.01); **H04W 4/90** (2018.01)

CPC (source: EP KR)

G08B 21/0438 (2013.01 - KR); **G08B 21/10** (2013.01 - KR); **G08B 21/18** (2013.01 - KR); **G08B 25/002** (2013.01 - KR); **G08B 25/016** (2013.01 - EP); **G08B 27/006** (2013.01 - KR); **G08G 1/205** (2013.01 - EP)

Citation (search report)

- [XYI] US 2013023228 A1 20130124 - WATSON JOHN MAHONY [US], et al
- [Y] WO 2016014844 A1 20160128 - QUALCOMM INC [US]
- [Y] KR 20180063789 A 20180612 - THINKWARE CORP [KR]
- See references of WO 2020040377A1

Cited by

CN114040374A

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

DOCDB simple family (publication)

EP 3843059 A1 20210630; **EP 3843059 A4 20220518**; KR 102110191 B1 20200513; KR 20200022140 A 20200303; WO 2020040377 A1 20200227

DOCDB simple family (application)

EP 19851235 A 20190123; KR 20180097904 A 20180822; KR 2019000939 W 20190123