

Title (en)  
ON-BOARD DEVICE FOR A VEHICLE

Title (de)  
BORDVORRICHTUNG FÜR EIN FAHRZEUG

Title (fr)  
DISPOSITIF EMBARQUÉ POUR VÉHICULE

Publication  
**EP 3238182 B1 20190424 (EN)**

Application  
**EP 17709787 A 20170113**

Priority  
• IT UB20169991 A 20160114  
• IB 2017050184 W 20170113

Abstract (en)  
[origin: WO2017122165A1] An on-board device for telematic traffic services is described. The on-board devices comprises a radiofrequency communication stage for communicating with a road-side device, a short-range communication stage for communicating with a user device (a mobile phone for example), a data processing unit cooperating with both the communication stages, a central operating memory - accessible only by the data processing unit - which stores an encryption key, and a second memory directly accessible by the short-distance communication stage. The short-range communication stage receives encrypted data from the user device and stores it temporarily in the second memory which can be directly accessed by it. Upon reception of a wake-up signal, the data processing unit decrypts this encrypted second data using the encryption key stored in the central operating memory and transfers said data into the central operating memory.

IPC 8 full level  
**G07B 15/04** (2006.01); **G07B 15/06** (2011.01)

CPC (source: EP)  
**G07B 15/04** (2013.01); **G07B 15/063** (2013.01)

Cited by  
IT201900010758A1; EP4109416A1; IT202100016715A1; WO2021001776A1

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)  
**WO 2017122165 A1 20170720**; CL 2018001747 A1 20181026; EP 3238182 A1 20171101; EP 3238182 B1 20190424; ES 2735805 T3 20191220; IT UB20169991 A1 20170714; PL 3238182 T3 20191129

DOCDB simple family (application)  
**IB 2017050184 W 20170113**; CL 2018001747 A 20180626; EP 17709787 A 20170113; ES 17709787 T 20170113; IT UB20169991 A 20160114; PL 17709787 T 20170113