

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)
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