

Title (en)
UWB MODULE UNIT FOR A VEHICLE

Title (de)
UWB-MODULEINHEIT FÜR EIN FAHRZEUG

Title (fr)
UNITÉ MODULAIRE ULB POUR VÉHICULE

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Application
EP 21790835 A 20211008

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• EP 2021077846 W 20211008

Abstract (en)
[origin: WO2022074187A1] The invention relates to a module unit (100), in particular a module unit which is combined, can be individually handled and/or is cohesive, preferably in the form of a multifunctional unit, preferably in the form of a hardware unit, for providing different vehicle functions (F) for a vehicle (200), having: at least one circuit board (10) on which the following elements are arranged: a UWB antenna (1) for communication (K) and/or detection (D), wherein different vehicle functions (F) can be activated depending on the communication (K) and/or detection (D), a UWB transceiver (3) for transmitting and/or receiving electrical signals of the UWB antenna (1) which are specific for the communication (K) and/or detection (D), a processing device (4) for controlling the UWB transceiver (3) for the communication (K) and/or detection (D) by the UWB antenna (1), and an interface (5) for transferring at least one result of the communication (K) and/or detection (D) to a vehicle-side control device (201) in order to trigger the different vehicle functions (F) depending on the communication (K) and/or detection (D).

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