

Title (en)
DATA MANAGEMENT DEVICE FOR A TWO-WHEELED VEHICLE

Title (de)
DATENVERWALTUNGSVORRICHTUNG FÜR EIN ZWEIRAD

Title (fr)
DISPOSITIF DE GESTION DE DONNÉES POUR UN DEUX-ROUES

Publication
EP 4070292 A1 20221012 (DE)

Application
EP 20817272 A 20201201

Priority
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Abstract (en)
[origin: WO2021110632A1] The invention relates to a data management device for a two-wheeled vehicle, more particularly an e-bike, pedelec or the like, for the management and/or diagnostic analysis of operating data of the two-wheeled vehicle, more particularly data of connections to wireless two-wheeled-vehicle apparatus, comprising a first communication interface for wireless communication with wireless two-wheeled-vehicle apparatus of the two-wheeled vehicle, preferably based on Bluetooth, WLAN and/or ANT+, a second communication interface, which is designed for communication with at least one two-wheeled-vehicle system apparatus, a third communication interface for communication, more particularly authenticated and/or encrypted communication, with a diagnostic analysis device for at least partially providing, changing, deleting and/or retrieving operating data of the two-wheeled-vehicle, and a data management apparatus, at least for the management of operating data of wireless two-wheeled-vehicle apparatus, the data management apparatus being connected to the third communication interface and being designed to receive, change, delete and/or provide operating data, wherein the operating data comprises at least data for communication of one or more wireless two-wheeled-vehicle apparatus with the first communication interface and/or data for the operation and/or diagnostic analysis of each wireless two-wheeled-vehicle apparatus, and wherein the data management apparatus is designed to communicate wirelessly, more particularly in an authenticated and/or encrypted manner, on the basis of the managed operating data, with the one or more wireless two-wheeled-vehicle apparatus, in order to exchange data.

IPC 8 full level
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