

Title (en)

DRIVE MODULE FOR A SMALL OR MINI VEHICLE, AND SMALL OR MINI VEHICLE HAVING THE DRIVE MODULE

Title (de)

ANTRIEBSMODUL FÜR EIN KLEIN- ODER KLEINSTFAHRZEUG UND KLEIN- ODER KLEINSTFAHRZEUG MIT DEM ANTRIEBSMODUL

Title (fr)

MODULE D'ENTRAÎNEMENT POUR UN PETIT OU TRÈS PETIT VÉHICULE ET PETIT OU TRÈS PETIT VÉHICULE POURVU DU MODULE D'ENTRAÎNEMENT

Publication

**EP 3996981 A1 20220518 (DE)**

Application

**EP 20740220 A 20200617**

Priority

- DE 102019118694 A 20190710
- DE 2020100514 W 20200617

Abstract (en)

[origin: WO2021004573A1] The invention relates to a drive module (1) for a small or mini vehicle (20), comprising a wheel axle (8), at least one wheel (2, 3), at least one motor device (4, 5) for producing and applying a drive torque to the at least one wheel (2, 3), and at least one braking device (6, 7) for braking the at least one wheel (2, 3). The drive module (1) comprises an evaluation and control device (12) for evaluating safety-relevant data (30) of the small or mini vehicle (20) and for controlling the drive module (1) on the basis of the evaluated safety-relevant data (30) and/or can be and/or is connected to said evaluation and control device.

IPC 8 full level

**B62K 3/00** (2006.01); **B62J 45/40** (2020.01); **B62L 5/18** (2006.01)

CPC (source: CN EP US)

**B62H 5/18** (2013.01 - CN EP US); **B62J 45/40** (2020.02 - CN EP US); **B62K 3/002** (2013.01 - CN EP US); **B62L 5/18** (2013.01 - CN EP); **B62K 2204/00** (2013.01 - CN EP US)

Citation (search report)

See references of WO 2021004573A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**DE 102019118694 A1 20210114**; CN 114080348 A 20220222; EP 3996981 A1 20220518; US 2022258822 A1 20220818; WO 2021004573 A1 20210114

DOCDB simple family (application)

**DE 102019118694 A 20190710**; CN 202080049637 A 20200617; DE 2020100514 W 20200617; EP 20740220 A 20200617; US 202017625847 A 20200617