

Title (en)

ELECTRIC DRIVE DEVICE FOR A VEHICLE AXLE

Title (de)

ELEKTRISCHE ANTRIEBSVORRICHTUNG FÜR EINE FAHRZEUGACHSE

Title (fr)

DISPOSITIF D'ENTRAÎNEMENT ÉLECTRIQUE D'UN ESSIEU D'UN VEHICULE

Publication

**EP 4247657 A1 20230927 (FR)**

Application

**EP 21815511 A 20211122**

Priority

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- EP 2021082477 W 20211122

Abstract (en)

[origin: WO2022106681A1] The invention relates to an electric drive device (1) for a vehicle axle, comprising - a rotor (2) of an electric machine (3) with an input shaft (4), - a driveshaft of the vehicle, - a transmission gear mechanism (5) disposed between the input shaft and the drive shaft, the gear mechanism comprising at least one gear element, and - a parking brake device (9) with a blocking wheel (10), the blocking wheel being capable of interacting with one among the driveshaft, the input shaft or the gear element, wherein the drive device comprises a torque limiter (17) disposed between the input shaft and the driveshaft, the torque limiter interacting with the blocking wheel.

IPC 8 full level

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See references of WO 2022106681A1

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