

Title (en)  
AXLE DRIVE

Title (de)  
ACHSANTRIEB

Title (fr)  
ENTRAÎNEMENT D'ESSIEU

Publication  
**EP 4103419 A1 20221221 (DE)**

Application  
**EP 21716611 A 20210324**

Priority  
• DE 102020109116 A 20200401  
• EP 2021057622 W 20210324

Abstract (en)  
[origin: WO2021197973A1] The invention relates to an axle drive for a vehicle comprising at least one drivable vehicle axle oriented transversely to a longitudinal direction of the vehicle, said axle drive comprising: a drive shaft which extends parallel to the longitudinal direction and is designed to receive drive power from an electric motor at an input portion and to output drive power at an output portion; an output shaft which extends parallel to the drive shaft and is designed to receive drive power from the output portion of the drive shaft at an input portion and to output drive power to the vehicle axle via a bevel gear located at a first end of the output shaft; and a brake, in particular a parking brake, comprising a brake disc which is located at a second end of the output shaft and between the input portion of the drive shaft and the input portion of the output shaft with respect to the longitudinal direction.

IPC 8 full level  
**B60K 1/00** (2006.01); **B60K 7/00** (2006.01)

CPC (source: EP US)  
**B60K 1/00** (2013.01 - EP US); **F16H 1/12** (2013.01 - US); **F16H 37/0813** (2013.01 - US); **F16H 57/021** (2013.01 - US); **F16H 57/023** (2013.01 - US); **F16H 57/038** (2013.01 - US); **F16H 57/0421** (2013.01 - US); **F16H 57/0495** (2013.01 - US); **F16H 63/345** (2013.01 - EP US); **B60K 2001/001** (2013.01 - EP US); **F16H 2057/02034** (2013.01 - US); **F16H 2057/02052** (2013.01 - US)

Citation (search report)  
See references of WO 2021197973A1

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

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**DE 102020109116 B3 20210923**; CN 115397684 A 20221125; EP 4103419 A1 20221221; US 2023113055 A1 20230413; WO 2021197973 A1 20211007

DOCDB simple family (application)  
**DE 102020109116 A 20200401**; CN 202180025695 A 20210324; EP 2021057622 W 20210324; EP 21716611 A 20210324; US 202117915150 A 20210324