

Title (en)

CUSTOMIZABLE CHASSIS MODULE WITH INTEGRATED RELATED FUNCTIONS

Title (de)

ANPASSBARES CHASSISMODUL MIT INTEGRIERTEN VERWANDTEN FUNKTIONEN

Title (fr)

MODULE DE CHÂSSIS PERSONNALISABLE AVEC FONCTIONS ASSOCIÉES INTÉGRÉES

Publication

EP 3589507 A1 20200108 (EN)

Application

EP 17822868 A 20171207

Priority

- US 201662431129 P 20161207
- US 2017065133 W 20171207

Abstract (en)

[origin: WO2018106929A1] A corner or end module for assembly on a vehicle body comprises a wheel(s), a frame having connection points for removably securing the corner module to the vehicle body, a drive system capable of providing torque to drive the wheel(s), a brake system connected to the wheel(s) capable of braking the wheel(s), a suspension system located between the frame and the wheel(s), a steering system connected to the wheel(s), capable of providing a steering input for the wheel(s), and a communication system capable of communicating from at least one of a drive controller, brake controller, and steering controller of the corner or end module with one of: another corner or end module, a vehicle controller; an autonomous drive controller; another vehicle, infrastructure, and a wireless data server.

IPC 8 full level

B60K 1/04 (2019.01); **B60K 7/00** (2006.01); **B60W 10/08** (2006.01); **B60W 10/192** (2012.01); **B62D 65/10** (2006.01); **B62D 65/12** (2006.01)

CPC (source: EP US)

B60K 1/04 (2013.01 - EP); **B60K 7/0007** (2013.01 - EP); **B60W 10/08** (2013.01 - EP); **B60W 10/192** (2013.01 - EP); **B62D 65/10** (2013.01 - EP US); **B62D 65/12** (2013.01 - EP); **B60L 2220/46** (2013.01 - EP); **Y02T 90/16** (2013.01 - EP)

Citation (search report)

See references of WO 2018106929A1

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)

WO 2018106929 A1 20180614; CN 110177704 A 20190827; EP 3589507 A1 20200108

DOCDB simple family (application)

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