

Title (en)
STEERING COLUMN MODULE WITH AN OPERATING DEVICE FOR ADJUSTING AN OPERATING PARAMETER OF A MOTOR VEHICLE, AND
MOTOR VEHICLE COMPRISING SUCH A STEERING COLUMN MODULE

Title (de)
LENKSTOCKMODUL MIT EINER BEDIENVORRICHTUNG ZUM EINSTELLEN EINES BETRIEBSPARAMETERS EINES KRAFTFAHRZEUGS
UND KRAFTFAHRZEUG MIT EINEM SOLCHEN LENKSTOCKMODUL

Title (fr)
MODULE DE COLONNE DE DIRECTION DOTÉ D'UN DISPOSITIF DE COMMANDE POUR RÉGLER UN PARAMÈTRE DE FONCTIONNEMENT
D'UN VÉHICULE AUTOMOBILE, ET VÉHICULE AUTOMOBILE COMPRENANT LEDIT MODULE DE COLONNE DE DIRECTION

Publication
EP 4054874 A1 20220914 (DE)

Application
EP 20789893 A 20201005

Priority
• DE 102019217016 A 20191105
• EP 2020077779 W 20201005

Abstract (en)
[origin: WO2021089256A1] The invention relates to a steering column module (1) with an operating device for adjusting an operating parameter of a motor vehicle, comprising a static central element (2) which annularly encloses a steering axis (4) and has a recess and comprising a rotational element (3) which is designed to be elongated with a longitudinal axis (L) and has a handle section (5) and a bearing section (6) rigidly connected to the handle section (5). At least some sections of the bearing section (6) of the rotational element (3) are arranged in the recess of the central element (2), and the bearing section is rotatably mounted in the central element (2) about the longitudinal axis (L), wherein a rotational sensor (8) is designed to detect the rotational position of the rotational element (3) and generate a control signal on the basis of the detected rotational position in order to adjust the operational parameter. The vehicle comprises a steering column module (1) according to the invention.

IPC 8 full level
B60K 35/10 (2024.01); **B60Q 1/00** (2006.01); **B60Q 1/14** (2006.01); **H01H 25/00** (2006.01); **H01H 25/06** (2006.01)

CPC (source: CN EP US)
B60K 20/06 (2013.01 - CN US); **B60K 35/00** (2013.01 - CN EP); **B60K 35/10** (2024.01 - CN EP); **B60K 35/60** (2024.01 - CN EP); **B60Q 1/0082** (2013.01 - CN EP); **B60Q 1/1469** (2013.01 - CN EP); **B60Q 1/1484** (2013.01 - CN EP); **B60Q 3/283** (2017.02 - US); **H01H 25/06** (2013.01 - CN EP); **H01H 25/065** (2013.01 - CN EP); **B60K 20/06** (2013.01 - EP); **B60K 2360/126** (2024.01 - CN EP); **B60K 2360/128** (2024.01 - CN EP); **B60K 2360/34** (2024.01 - CN EP); **B60K 2360/345** (2024.01 - CN EP); **B60K 2360/782** (2024.01 - CN EP); **G05G 5/05** (2013.01 - US)

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 102019217016 A1 20210506; CN 114641404 A 20220617; EP 4054874 A1 20220914; US 11850939 B2 20231226;
US 2022371437 A1 20221124; WO 2021089256 A1 20210514

DOCDB simple family (application)
DE 102019217016 A 20191105; CN 202080076869 A 20201005; EP 2020077779 W 20201005; EP 20789893 A 20201005;
US 202017773885 A 20201005