

Title (en)
METHOD FOR ACTUATING AN ELECTRIC MOTOR OF A PUMP DEVICE OF A STEERING DEVICE, METHOD FOR PROVIDING A CORRECTION VALUE FOR CORRECTING A FLUCTUATION OF A ROTATIONAL SPEED AND/OR AN OUTPUT PRESSURE OF A PUMP DEVICE OF A STEERING DEVICE, DEVICE, AND STEERING DEVICE

Title (de)
VERFAHREN ZUM ANSTEUERN EINES ELEKTROMOTORS EINER PUMPEINRICHTUNG EINER LENKVORRICHTUNG, VERFAHREN ZUM BEREITSTELLEN EINES KORREKTURWERTS ZUM KORRIGIEREN EINER SCHWANKUNG EINER DREHZAHL UND/ODER EINES AUSGANGSDRUCKS EINER PUMPEINRICHTUNG EINER LENKVORRICHTUNG, VORRICHTUNG UND LENKVORRICHTUNG

Title (fr)
PROCÉDÉ D'ACTIONNEMENT D'UN MOTEUR ÉLECTRIQUE D'UN DISPOSITIF DE POMPAGE D'UN DISPOSITIF DE DIRECTION, PROCÉDÉ DE FOURNITURE D'UNE VALEUR DE CORRECTION POUR CORRIGER UNE FLUCTUATION D'UNE VITESSE DE ROTATION ET/OU D'UNE PRESSION DE SORTIE D'UN DISPOSITIF DE POMPAGE D'UN DISPOSITIF DE DIRECTION, DISPOSITIF, ET DISPOSITIF DE DIRECTION

Publication
EP 4294703 A1 20231227 (DE)

Application
EP 22702450 A 20220126

Priority
• DE 102021103816 A 20210218
• EP 2022051753 W 20220126

Abstract (en)
[origin: WO2022175038A1] The invention relates to a method for actuating an electric motor (118) of a pump device (104) of a steering device (102), having a step of reading the current rotational angle of the electric motor (118) of the pump device (104) and a correction value which represents a relationship between an output pressure of the pump device (104) and/or the rotational speed of the electric motor (118) of the pump device (104) on the basis of the rotational angle of the electric motor (118) and a step of outputting an actuation signal to the electric motor (118) using the correction value.

IPC 8 full level
B62D 5/06 (2006.01); **B62D 5/04** (2006.01); **B62D 5/065** (2006.01)

CPC (source: EP US)
B62D 5/064 (2013.01 - EP US); **B62D 5/065** (2013.01 - EP US); **B62D 6/001** (2013.01 - US); **B62D 5/046** (2013.01 - EP)

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 102021103816 A1 20220818; CN 116940497 A 20231024; EP 4294703 A1 20231227; JP 2024507209 A 20240216; US 2024132148 A1 20240425; US 2024227927 A9 20240711; WO 2022175038 A1 20220825

DOCDB simple family (application)
DE 102021103816 A 20210218; CN 202280015887 A 20220126; EP 2022051753 W 20220126; EP 22702450 A 20220126; JP 2023549897 A 20220126; US 202218277603 A 20220126