

Title (en)

ELECTRICALLY ACTUATABLE DRIVE ASSEMBLY

Title (de)

ELEKTRISCH ANSTEUERBARES ANTRIEBSAGGREGAT

Title (fr)

ENSEMBLE D'ENTRAÎNEMENT À ACTIONNEMENT ÉLECTRIQUE

Publication

EP 4066362 A1 20221005 (DE)

Application

EP 20781490 A 20200928

Priority

- DE 102019218441 A 20191128
- EP 2020077063 W 20200928

Abstract (en)

[origin: WO2021104717A1] The invention relates to an electrically actuatable drive assembly (10) formed by an electric motor (12) having a rotor (14) that can be driven to perform a rotational movement, and having a motor shaft (16) that is rotationally fixed to the rotor (14) and a signal generator (24) of a sensor device for electronically detecting and evaluating the rotational angle of the motor shaft (16). The signal transmitter (24) is indirectly anchored to the motor shaft (16) via a retaining element (28). The invention proposes a retaining element (28) designed as a hollow cylinder, which has an open first end with which the retaining element (28) is secured on the motor shaft (16) and which has a second end facing away from the motor shaft (16) and having at least one retaining element region (46) projecting into the open cross-section of the retaining element (28).

IPC 8 full level

H02K 11/215 (2016.01); **B60T 13/66** (2006.01)

CPC (source: EP KR US)

B60T 8/404 (2013.01 - EP KR); **B60T 13/662** (2013.01 - EP KR); **B60T 13/74** (2013.01 - EP KR); **B60T 17/02** (2013.01 - EP KR); **H02K 7/003** (2013.01 - KR US); **H02K 11/21** (2016.01 - US); **H02K 11/215** (2016.01 - EP KR)

Citation (search report)

See references of WO 2021104717A1

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 102019218441 A1 20210602; CN 114731094 A 20220708; EP 4066362 A1 20221005; JP 2023503941 A 20230201; JP 7419528 B2 20240122; KR 20220103778 A 20220722; US 2023006519 A1 20230105; WO 2021104717 A1 20210603

DOCDB simple family (application)

DE 102019218441 A 20191128; CN 202080082439 A 20200928; EP 2020077063 W 20200928; EP 20781490 A 20200928; JP 2022530148 A 20200928; KR 20227021010 A 20200928; US 202017773984 A 20200928