



US 20220368194A1

(19) **United States**(12) **Patent Application Publication**
TEGELTIJA et al.(10) **Pub. No.: US 2022/0368194 A1**(43) **Pub. Date: Nov. 17, 2022**(54) **GEARED MOTOR, IN PARTICULAR OF A
GEARED MOTOR SERIES, HAVING AN
ADAPTER PART**(71) Applicant: **SEW-EURODRIVE GMBH & CO.
KG**, Bruchsal (DE)(72) Inventors: **Miki TEGELTIJA**,
Karlsdorf-Neuthardt (DE); **Oliver
BÜHN**, Kraichtal (DE)(73) Assignee: **SEW-EURODRIVE GMBH & CO.
KG**, Bruchsal (DE)(21) Appl. No.: **17/623,342**(22) PCT Filed: **Jun. 15, 2020**(86) PCT No.: **PCT/EP2020/025287**

§ 371 (c)(1),

(2) Date: **Dec. 28, 2021**(30) **Foreign Application Priority Data**

Jun. 28, 2019 (DE) 10 2019 004 512.2

Publication Classification(51) **Int. Cl.****H02K 7/116** (2006.01)**H02K 7/00** (2006.01)**F16H 57/02** (2006.01)(52) **U.S. Cl.**CPC **H02K 7/116** (2013.01); **H02K 7/003**
(2013.01); **F16H 57/02** (2013.01); **H02K**
2213/03 (2013.01); **F16H 2057/02034**
(2013.01)

(57)

ABSTRACT

A geared motor includes a gear unit, a first, a second, or a third electric motor, and an adapter part situated between the gear unit and the electric motor. On its side facing the electric motor, the adapter part has a first, a second, and a third centering device, and on the side facing away from the electric motor, it is connected to the gear unit. The centering devices are radially set apart from one another, and the second centering device is situated radially between the first and third centering devices. The electric motor has an axially protruding centering ring, which is centered by only a single one of the centering devices of the adapter part, and the other centering devices are radially set apart from the centering ring and/or have no centering function, e.g., for the centering ring.

