

Title (en)

TRANSMISSION HOUSING, GEARBOX AND WHEELED VEHICLE PROVIDED WITH SUCH A GEARBOX

Title (de)

GETRIEBEGEHÄUSE, GETRIEBE UND RADFAHRZEUG MIT SOLCH EINEM GETRIEBE

Title (fr)

BOÎTIER DE TRANSMISSION, GROUPE MOTORÉDUCTEUR ET ENGIN ROULANT ÉQUIPÉ D'UN TEL GROUPE MOTORÉDUCTEUR

Publication

EP 4185790 A1 20230531 (FR)

Application

EP 21742456 A 20210624

Priority

- FR 2007735 A 20200723
- FR 2021051164 W 20210624

Abstract (en)

[origin: WO2022018337A1] A transmission housing (1) which can be coupled to the drive shaft (21) of an electric motor (20) to form a gearbox (22), the transmission housing (1) comprising a housing body (2) defining a cavity (4), and housed at least partially inside the cavity (4) - a rotary drive member (5), - an output shaft (6) and, - a device (7) for transmitting the rotational movement of the rotary drive member (5) to the output shaft (6), characterised in that the rotary drive member (5) is supported inside the cavity (4) of the housing body (2) by one or more guide members (8) and comprises a wall (9) and two coaxial helical teeth (10) created from a single part with the wall (9) and arranged on either side of the wall (9), the helical teeth (10) being configured to generate axial forces in opposite directions.

IPC 8 full level

F16H 1/08 (2006.01); **A01D 69/06** (2006.01); **F16H 55/17** (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2022018337A1

Designated contracting state (EPC)

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Designated extension state (EPC)

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KH MA MD TN

DOCDB simple family (publication)

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