

Title (en)

DOOR DRIVE FOR A MOTOR VEHICLE DOOR OR MOTOR VEHICLE FLAP

Title (de)

TÜRANTRIEB FÜR EINE KRAFTFAHRZEUG-TÜR ODER KRAFTFAHRZEUG-KLAPPE

Title (fr)

ENTRAÎNEMENT DE PORTE POUR PORTE DE VÉHICULE AUTOMOBILE OU OUVRANT DE VÉHICULE AUTOMOBILE

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Application

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Abstract (en)

[origin: WO2021223792A1] The invention relates to a door drive for a motor vehicle door or motor vehicle flap. This is generally provided with an electromotive drive (2) and a transmission (3, 4) connected downstream of the drive (2). In addition, a force transmission element (5) is provided, which is operatively connected to a leaf (1) of the motor vehicle door or motor vehicle flap. An output element (4a) of the transmission (3, 4) and the force-transmission element (5) are coupled by a toothing (6, 7, 8) with compensation for play. According to the invention, the toothing (6, 7, 8) is formed in two parts for engaging both into the force transmission element (5) and into a compensation element (9) that is rotatably, elastically coupled to the force transmission element (5). For play-free positioning, the compensation element (9) has a differing angular velocity from the force transmission element (5) in order to create a relative angle (α_1 - α_2) between the two elements (5, 9).

IPC 8 full level

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CPC (source: EP)

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