

Title (en)

ACTUATOR FOR A SIDE DOOR OF A MOTOR VEHICLE

Title (de)

AKTUATOR FÜR EINE SEITENTÜR EINES KRAFTFAHRZEUGES

Title (fr)

ACTIONNEUR POUR PORTIÈRE LATÉRALE D'UN VÉHICULE AUTOMOBILE

Publication

**EP 4065804 A1 20221005 (DE)**

Application

**EP 20786286 A 20201005**

Priority

- DE 102019218169 A 20191125
- EP 2020077842 W 20201005

Abstract (en)

[origin: WO2021104725A1] The invention relates to an actuator for a side door of a motor vehicle. The actuator produces an automatic opening or closing of the side door on the basis of a signal, and the actuator has an electric motor that generates a torque, which acts on a hinge of the side door via a gearing mechanism, on the basis of an actuation. The actuator additionally has a system for holding the side door in any open position, wherein the system is produced by a function of the electric motor, which is designed to exhibit an increased detent torque in a de-energized state, said detent torque being configured to a value which is required for a holding torque in order to hold the door open. In this manner, the actuator is characterized by a particularly simple and inexpensive design.

IPC 8 full level

**E05F 15/614** (2015.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2021104725A1

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