

Title (en)

OPENING DEVICE FOR A MOTOR VEHICLE DOOR ELEMENT

Title (de)

AUFSTELLVORRICHTUNG FÜR EIN KRAFTFAHRZEUGTÜRELEMENT

Title (fr)

DISPOSITIF D'OUVERTURE POUR UN ÉLÉMENT DE PORTE DE VÉHICULE À MOTEUR

Publication

EP 3899180 A1 20211027 (DE)

Application

EP 19827599 A 20191127

Priority

- DE 102018132665 A 20181218
- DE 2019101016 W 20191127

Abstract (en)

[origin: WO2020125850A1] The invention relates to an opening device (1) for a motor vehicle door element (2) having an electric drive (5, 20) and an actuating means (3), wherein the actuating means (3) is adjustable by means of the drive (5) and a gear mechanism (11, 12) arranged between the actuating means (3) and the drive (5), with the result that a movement of the door element (2) can be made possible, and a sensor (17) for detecting a force (F, FZ, FD) on the opening device, wherein the door element (2) can be held by way of the actuating means (3).

IPC 8 full level

E05F 15/619 (2015.01); **E05C 17/00** (2006.01); **E05C 17/08** (2006.01)

CPC (source: EP US)

E05C 17/003 (2013.01 - EP US); **E05C 17/08** (2013.01 - EP US); **E05F 15/619** (2015.01 - EP US); **E05Y 2201/412** (2013.01 - EP US);
E05Y 2201/418 (2013.01 - EP); **E05Y 2201/426** (2013.01 - EP US); **E05Y 2201/434** (2013.01 - US); **E05Y 2201/48** (2013.01 - EP);
E05Y 2201/604 (2013.01 - EP US); **E05Y 2400/304** (2024.05 - EP); **E05Y 2400/32** (2013.01 - EP); **E05Y 2400/44** (2013.01 - EP US);
E05Y 2800/75 (2013.01 - EP); **E05Y 2900/531** (2013.01 - EP US)

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 102018132665 A1 20200618; EP 3899180 A1 20211027; EP 3899180 B1 20240417; US 2022034145 A1 20220203;
WO 2020125850 A1 20200625

DOCDB simple family (application)

DE 102018132665 A 20181218; DE 2019101016 W 20191127; EP 19827599 A 20191127; US 201917297490 A 20191127