

Title (en)

DEFLECTOR DEVICE FOR A MOTOR VEHICLE WHEEL, AND VEHICLE COMPRISING SUCH A DEVICE

Title (de)

ABLENKVORRICHTUNG FÜR EIN KRAFTFAHRZEUGRAD UND FAHRZEUG MIT EINER SOLCHEN VORRICHTUNG

Title (fr)

DISPOSITIF DEFLECTEUR POUR ROUE DE VEHICULE AUTOMOBILE ET VEHICULE COMPRENANT UN TEL DISPOSITIF

Publication

**EP 3880543 A1 20210922 (FR)**

Application

**EP 19813124 A 20191028**

Priority

- FR 1860489 A 20181114
- FR 2019052563 W 20191028

Abstract (en)

[origin: WO2020099753A1] Deflector device (7) for a motor vehicle wheel (3), comprising at least one aerodynamic region (4, 400, 401) designed to be exposed to an external air flow (10), the device (7) further comprising an articulated mechanism (21) for moving the at least one aerodynamic region (4, 400, 401) so as to allow the deflector (7) to move from the retracted position to the deployed position, said articulated mechanism (21) comprising a drive member (22), and said articulated mechanism (21) being arranged to move the drive member (22) translationally when the deflector device (7) moves from the retracted position to the deployed position, the deflector device (7) comprising an actuator (19) configured to control the articulated mechanism (21) so as to allow the aerodynamic regions of the deflector to move relative to each other, said deflector device (7) further comprising a security device (50) configured to return said deflector device (7) to the retracted position without intervention by the actuator (19).

IPC 8 full level

**B62D 35/00** (2006.01); **B62D 35/02** (2006.01); **B62D 37/02** (2006.01)

CPC (source: EP US)

**B62D 35/005** (2013.01 - EP); **B62D 35/02** (2013.01 - EP US); **B62D 37/02** (2013.01 - EP US); **Y02T 10/82** (2013.01 - EP); **Y02T 10/88** (2013.01 - EP)

Citation (search report)

See references of WO 2020099753A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**FR 3088294 A1 20200515**; **FR 3088294 B1 20220708**; CN 113260556 A 20210813; EP 3880543 A1 20210922; JP 2022507385 A 20220118; US 2022348271 A1 20221103; WO 2020099753 A1 20200522

DOCDB simple family (application)

**FR 1860489 A 20181114**; CN 201980087402 A 20191028; EP 19813124 A 20191028; FR 2019052563 W 20191028; JP 2021526261 A 20191028; US 201917293152 A 20191028