

Title (en)

DEVICE FOR PIVOTABLY CONNECTING AN AIR-GUIDING ELEMENT TO A VEHICLE

Title (de)

VORRICHTUNG ZUR SCHWENKBAREN VERBINDUNG EINES LUFTLEITELEMENTS MIT EINEM FAHRZEUG

Title (fr)

DISPOSITIF POUR CONNECTER DE MANIÈRE PIVOTANTE UN ÉLÉMENT DÉFLECTEUR D'AIR À UN VÉHICULE

Publication

**EP 3999402 A1 20220525 (DE)**

Application

**EP 20739616 A 20200708**

Priority

- DE 102019004968 A 20190716
- EP 2020069241 W 20200708

Abstract (en)

[origin: WO2021008968A1] The invention relates, amongst other things, to a device for pivotably connecting an air-guiding element (16), preferably a rear side-air-guiding element of a driver's cab, to a vehicle (10), preferably a rear wall of the driver's cab of a utility vehicle. The device has a swing hinge (22), which is designed to be fastened on the one hand to the air-guiding element (16) and on the other hand to the vehicle (10). The swing hinge (22) has a locking mechanism (32), which is designed to lock the swing hinge (22) automatically when at least one predetermined pivot position has been reached.

IPC 8 full level

**B62D 35/00** (2006.01)

CPC (source: CN EP KR US)

**B62D 35/001** (2013.01 - CN EP KR US); **B62D 49/005** (2013.01 - KR); **B60Y 2200/148** (2013.01 - KR)

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 102019004968 A1 20210121**; BR 112021026141 A2 20220208; CN 114007932 A 20220201; EP 3999402 A1 20220525; KR 20220032052 A 20220315; US 2024010282 A1 20240111; WO 2021008968 A1 20210121; ZA 202110435 B 20231025

DOCDB simple family (application)

**DE 102019004968 A 20190716**; BR 112021026141 A 20200708; CN 202080044277 A 20200708; EP 2020069241 W 20200708; EP 20739616 A 20200708; KR 20227001098 A 20200708; US 202018019724 A 20200708; ZA 202110435 A 20211214