

Title (en)

CONNECTION DEVICE FOR A VEHICLE WIPER SYSTEM

Title (de)

ANSCHLUSSVORRICHTUNG FÜR EINE FAHRZEUGSCHEIBENWISCHERANLAGE

Title (fr)

DISPOSITIF DE CONNEXION POUR UN SYSTÈME D'ESSUYAGE POUR UN VÉHICULE

Publication

EP 4188759 A1 20230607 (FR)

Application

EP 21746758 A 20210723

Priority

- FR 2008135 A 20200730
- EP 2021070759 W 20210723

Abstract (en)

[origin: WO2022023225A1] The invention relates to a connection device (130) for a wiper system (100) for wiping a glazed surface of a vehicle, the wiper system (100) comprising at least one wiper (110) designed to wipe the glazed surface, at least one wiper arm (120) designed to drive the rotation of the wiper (110), the connection device (130) being configured to connect the wiper (110) to the wiper arm (120), the connection device (130) comprising at least one connector (140) configured to be secured to the wiper (110) and at least one adapter (150) mounted with the ability to pivot on the connector (140), the wiper arm (120) extending between a first end (121) designed to be connected to a motor borne by the vehicle and a second end (122) designed to be secured to the adapter (150), characterized in that the adapter (150) and the connector (140) together define a closed-section housing (170) designed to accept at least part of the second end (122) of the wiper arm (120) and in that this at least part of the second end (122) of the wiper arm (120) is configured to contribute to holding the adapter (150) on the connector (140).

IPC 8 full level

B60S 1/40 (2006.01); **B60S 1/04** (2006.01)

CPC (source: EP US)

B60S 1/4006 (2013.01 - EP); **B60S 1/4016** (2013.01 - US); **B60S 1/0408** (2013.01 - EP); **B60S 1/3415** (2013.01 - EP);
B60S 1/3862 (2013.01 - EP)

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

WO 2022023225 A1 20220203; CN 116034058 A 20230428; EP 4188759 A1 20230607; FR 3113014 A1 20220204; FR 3113014 B1 20221028;
JP 2023536478 A 20230825; US 2023322188 A1 20231012

DOCDB simple family (application)

EP 2021070759 W 20210723; CN 202180055068 A 20210723; EP 21746758 A 20210723; FR 2008135 A 20200730;
JP 2023506084 A 20210723; US 202118018703 A 20210723