

Title (en)
CARBON HOLDER PLATE FOR AN ELECTRIC MOTOR, WINDSHIELD WIPER MOTOR, AND METHOD FOR MOUNTING A WINDSHIELD WIPER MOTOR

Title (de)
KOHLEHALTERPLATTE FÜR EINEN ELEKTROMOTOR, SCHEIBENWISCHERMOTOR UND VERFAHREN ZUR MONTAGE EINES SCHEIBENWISCHERMOTORS

Title (fr)
PLAQUE PORTE-BALAI CONÇUE POUR UN MOTEUR ÉLECTRIQUE, MOTEUR D'ESSUIE-GLACE ET PROCÉDÉ POUR MONTER UN MOTEUR D'ESSUIE-GLACE

Publication
EP 3625859 A1 20200325 (DE)

Application
EP 18725190 A 20180515

Priority
• DE 102017110470 A 20170515
• EP 2018062624 W 20180515

Abstract (en)
[origin: WO2018210883A1] The invention relates to a carbon holder plate (50) for an electric motor (10), comprising a guide element (55) for a carbon brush (52, 53), wherein the carbon brush (52, 53) is longitudinally displaceable arranged in the guide element (55) in the direction of an longitudinal axis (57) of the carbon brush (52, 53), a first end face (54) of the carbon brush (52, 53), which is designed to rest against a collector (21) of the electric motor (10), a second end face (59) located opposite the first end face (54), against which in an operational state, a spring element (62) rests under spring tension in order to press the carbon brush (52, 53) in the direction of the collector (21), and a device for positioning the first end face (54) of the carbon brush (52, 53) in a mounting position of the carbon holder plate (50) at a distance from the collector (21).

IPC 8 full level
H01R 39/38 (2006.01); **H01R 39/41** (2006.01); **H01R 39/42** (2006.01)

CPC (source: EP US)
H01R 39/381 (2013.01 - EP US); **H01R 39/42** (2013.01 - EP US)

Citation (search report)
See references of WO 2018210883A1

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 102017110470 A1 20181115; CN 110710066 A 20200117; CN 110710066 B 20220708; EP 3625859 A1 20200325; JP 2020520224 A 20200702; US 2020099186 A1 20200326; WO 2018210883 A1 20181122

DOCDB simple family (application)
DE 102017110470 A 20170515; CN 201880031977 A 20180515; EP 18725190 A 20180515; EP 2018062624 W 20180515; JP 2019563184 A 20180515; US 201816612463 A 20180515