

Title (en)

DEVICE FOR THE ARTICULATED CONNECTION OF A FLAT-BAR WIPER BLADE TO A WIPER ARM

Title (de)

VORRICHTUNG ZUM GELENKIGEN VERBINDEN EINES WISCHBLATTS IN FLACHBALKENBAUWEISE MIT EINEM WISCHARM

Title (fr)

DISPOSITIF D'ASSEMBLAGE PAR ARTICULATION D'UN BALAI D'ESSUIE-GLACE DE TYPE PLAT À UN BRAS D'ESSUIE-GLACE

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Application

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Abstract (en)

[origin: WO2012100896A1] The invention relates to a device for the articulated connection of a flat-bar wiper blade (10) to a wiper arm (28), said device comprising a connection element (16), with a bearing pin (20), to be connected to the wiper blade (10), a connecting element (30) connected to the wiper arm (28), and an adaptor (44) which is both pivotally mounted on the bearing pin (20), by means of a hub (54), as well as inserted in the connecting element (30) in a rigid but detachable manner using locking means (40, 76). According to the invention, the hub (54) has an assembly channel (56) along its entire length on the side which faces the bearing pin (20), with the play between the hub (54) and the bearing pin (20) being calculated such that moments about a vertical axis (88) are transmitted from the wiper blade (10) to the adaptor (44) exclusively by means of the bearing pin (20) and the hub (54), and vice versa.

IPC 8 full level

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CPC (source: EP US)

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See references of WO 2012100896A1

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