

Title (en)

WINDSHIELD WIPER DRIVE LINKAGE AND A WINDSHIELD WIPER ARM MANUFACTURING METHOD

Title (de)

ANTRIEBSGESTÄNGE FÜR WINDSCHUTZSCHEIBENWISCHER UND VERFAHREN ZUR HERSTELLUNG EINES WINDSCHUTZSCHEIBENWISCHERARMS

Title (fr)

MECANISME DE COMMANDE D'ESSUIE-GLACE ET PROCEDE DE FABRICATION D'UN BRAS D'ESSUIE-GLACE

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Application

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Abstract (en)

[origin: WO2004009416A1] This invention relates to windshield wiper system (10) and method which utilizes a flexible member (28) to account for compression loads in excess of a predetermined load. Such as 30 percent, greater than a maximum load for the flexible member (28). The system (10) utilizes a flexible pultruded composite material having a relatively low modulus of elasticity, yet relatively high elongation characteristics. The flexible arm (28) bends to facilitate preventing damage to components in the wiper system (10) when a compressive load applied to the flexible member is in excess of the predetermined load. The flexible arm (28) has a plurality of surface grooves (104) provided at its ends and a connector (32, 34) overmolded onto each end.

IPC 1-7

B60S 1/24

IPC 8 full level

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