

Title (en)

FIXING ARRANGEMENT FOR A WINDSCREEN WIPER COMPRISING A RETRACTING DRIVING SHAFT PROVIDED WITH A DIVISIBLE NUT

Title (de)

BEFESTIGUNGSANORDNUNG VON EINEM WISCHERMECHANISMUS MIT EINER TEILBAREN MUTTER, DIE DAS ZURÜCKWEICHEN DER ANTRIEBSWELLE ERLAUBT

Title (fr)

AGENCEMENT POUR LA FIXATION D'UN MECANISME D'ESSUYAGE COMPORTANT UN ECROU SECABLE PERMETTANT L'EFFACEMENT DE L'ARBRE D'ENTRAINEMENT

Publication

**EP 1545946 A1 20050629 (FR)**

Application

**EP 03750548 A 20030916**

Priority

- EP 0310256 W 20030916
- FR 0212207 A 20020930

Abstract (en)

[origin: WO2004028874A1] The invention relates to a fixing arrangement for the windscreen wiper (20) of a motor vehicle comprising at least one bearing bracket out-feed (22) used for guiding and fixing a rotatable driving shaft (24) which is provided with a flange (32) for attaching said bearing bracket out feed (22) to a vehicle body (30). Said flange (32) comprises a threaded portion (46) of the vertical axis A which interacts with a nut (54) provided with an internal clamping annular surface (54i) for fixing the flange (32) to the structural element of the body (30). Said invention is characterised in that the nut (54) can be divided into at least two parts (56, 58) when the windscreen wiper (20) is exposed to a violent impact whose vertical component is oriented downwards and is greater than a predetermined value, thereby making it possible to release the flange (32) from the structural element of the body (30).

IPC 1-7

**B60S 1/04**; B60R 21/34

IPC 8 full level

**B60S 1/04** (2006.01); **B60S 1/34** (2006.01); B60R 21/34 (2011.01)

CPC (source: EP)

**B60S 1/0488** (2013.01); **B60S 1/34** (2013.01); **B60S 1/349** (2013.01); B60R 2021/343 (2013.01); **B60S 1/0436** (2013.01)

Citation (search report)

See references of WO 2004028874A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2004028874 A1 20040408**; AU 2003270198 A1 20040419; CN 100493966 C 20090603; CN 1684862 A 20051019; EP 1545946 A1 20050629; FR 2845055 A1 20040402; FR 2845055 B1 20041210; JP 2006501096 A 20060112; JP 4373918 B2 20091125

DOCDB simple family (application)

**EP 0310256 W 20030916**; AU 2003270198 A 20030916; CN 03823422 A 20030916; EP 03750548 A 20030916; FR 0212207 A 20020930; JP 2004538906 A 20030916