

Title (en)
WIPER DEVICE

Title (de)
WISCHVORRICHTUNG

Title (fr)
SYSTÈME D'ESSUIE-GLACE

Publication
EP 2651718 A1 20131023 (DE)

Application
EP 11781545 A 20111111

Priority
• DE 102010062940 A 20101213
• EP 2011069902 W 20111111

Abstract (en)
[origin: WO2012079866A1] The invention is based on a wiper device for a motor vehicle window, with a wiper arm adapter unit (10a - 10o) and a wiper blade adapter unit (12a - 12o) which, in a fitted state, form a form-fitting connection. It is proposed that the wiper device has at least one blocking means (14a - 14o) which is mounted movably on the wiper blade adapter unit (12a-12o) for restricting the wiper arm adapter unit (10a, 10o) in the freedom of movement thereof, in the fitted state, in a direction deviating from a longitudinal direction (16a-16o).

IPC 8 full level
B60S 1/40 (2006.01); **B60S 1/38** (2006.01)

CPC (source: EP KR US)
B60S 1/38 (2013.01 - KR); **B60S 1/3849** (2013.01 - EP US); **B60S 1/40** (2013.01 - KR US); **B60S 1/4048** (2013.01 - EP US); **B60S 1/407** (2013.01 - EP US); **B60S 1/4087** (2013.01 - EP US); **B60S 1/4077** (2013.01 - EP US)

Citation (search report)
See references of WO 2012079866A1

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

DOCDB simple family (publication)
DE 102010062940 A1 20120614; BR 112013014732 A2 20161004; CN 103459212 A 20131218; CN 103459212 B 20160316; EP 2651718 A1 20131023; JP 2013545666 A 20131226; JP 5730404 B2 20150610; KR 20140009245 A 20140122; RU 2013132360 A 20150810; US 2013333144 A1 20131219; WO 2012079866 A1 20120621

DOCDB simple family (application)
DE 102010062940 A 20101213; BR 112013014732 A 20111111; CN 201180059253 A 20111111; EP 11781545 A 20111111; EP 2011069902 W 20111111; JP 2013543598 A 20111111; KR 20137015078 A 20111111; RU 2013132360 A 20111111; US 201113994112 A 20111111