

Title (en)

SHADING DEVICE, VEHICLE AND GLASS SHADING METHOD

Title (de)

SCHATTIERUNGSVORRICHTUNG, FAHRZEUG UND GLASSCHATTIERUNGSVERFAHREN

Title (fr)

DISPOSITIF PARE-SOLEIL, VÉHICULE ET PROCÉDÉ POUR OBSCURCIR UNE VITRE

Publication

EP 2956322 A1 20151223 (EN)

Application

EP 14751132 A 20140211

Priority

- CN 201310052008 A 20130217
- CN 2014071978 W 20140211

Abstract (en)

[origin: WO2014124592A1] A shading device, a vehicle and a shading method are provided. The shading device includes a glass (701,703), a PDLC film (200) disposed on a portion of the glass (701,703) corresponding to a desired shading position, a power source (300) coupled to the PDLC film (200), and a regulator (400) coupled to the power source (300), adapted for regulating to voltage supplied to the PDLC film (200) by the power source (300). The vehicle includes the shading device. The shading method includes: disposing the PDLC film (200) on a glass (701,703) corresponding to a desired shading position; obtaining a current light intensity information; and supplying to the PDLC (200) film a voltage corresponding to the current light intensity information. Glass transmittance may be adjusted in a simple and effective way.

IPC 8 full level

B60J 3/04 (2006.01)

CPC (source: CZ EP)

B60J 3/04 (2013.01 - CZ EP)

Cited by

US11237446B2

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)

WO 2014124592 A1 20140821; CN 103991366 A 20140820; CZ 37701 U1 20240220; DE 202014011430 U1 20200615; EP 2956322 A1 20151223; EP 2956322 A4 20161109; JP 2016505867 A 20160225; JP 3215814 U 20180412; KR 20150074066 A 20150701

DOCDB simple family (application)

CN 2014071978 W 20140211; CN 201310052008 A 20130217; CZ 202037894 U 20140211; DE 202014011430 U 20140211; EP 14751132 A 20140211; JP 2015542158 A 20140211; JP 2018000378 U 20180202; KR 20157012844 A 20140211