

Title (en)  
VEHICLE ROOF COMPRISING A WIND DEFLECTOR

Title (de)  
FAHRZEUGDACH MIT WINDABWEISER

Title (fr)  
TOIT DE VEHICULE MUNI D'UN DEFLECTEUR D'AIR

Publication  
**EP 2029382 A1 20090304 (DE)**

Application  
**EP 07764373 A 20070614**

Priority  
• DE 2007001057 W 20070614  
• DE 102006028257 A 20060620

Abstract (en)  
[origin: WO2007147390A1] The invention relates to a vehicle roof of a motor vehicle that is provided with a roof opening system comprising at least one cover element for selectively closing or at least partially opening a roof section. A wind deflector (20) is arranged in the front edge area (18) of the roof section, said wind deflector comprises a deflector element (22) that can be adjusted between a lowered idle state and an operational state and is pre-tensed in the direction of extraction. The extent of extraction can be adjusted by means of an adjusting device that comprises at least one flexible element (28A, 28B) which is fixed to a first end on the deflector element (22) and exerts a retaining force which is active in a downward manner on the deflector element (22). In order to provide a compact adjusting device having few components, the second end of the flexible element (28A, 28B) is mounted on the winding device, which is driven by means of an electric motor, on which the flexible element (28A, 28B) can be wound or the flexible element can be wound thereby.

IPC 8 full level  
**B60J 7/22** (2006.01)

CPC (source: EP US)  
**B60J 7/22** (2013.01 - EP US)

Citation (search report)  
See references of WO 2007147390A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK RS

DOCDB simple family (publication)  
**WO 2007147390 A1 20071227**; DE 102006028257 A1 20080403; DE 102006028257 B4 20090423; EP 2029382 A1 20090304;  
US 2010283294 A1 20101111

DOCDB simple family (application)  
**DE 2007001057 W 20070614**; DE 102006028257 A 20060620; EP 07764373 A 20070614; US 30583107 A 20070614