Title (en)

Opening device for a vehicle door with enhanced safety in case of impact, and method for mounting the device on the door

Title (de)

Öffnungsvorrichtung eines Flügels eines Kraftfahrzeug mit mit erhöhter Sicherheit bei einem Aufprall, und Verfahren zur Montage der Öffnungsvorrichtung auf dem Flügel

Title (fr)

Dispositif d'ouverture d'un ouvrant de véhicule automobile à sècuritè renforcée en cas de choc, et procédé de montage du dispositif sur l'ouvrant

Publication

EP 1593802 B1 20080109 (FR)

Application

EP 05290825 A 20050414

Priority

FR 0404832 A 20040505

Abstract (en)

[origin: EP1593802A1] The device has blocking units (40) to block a safety device (30) in interdiction position. The units (40) have a flexible strip (41) integrated to a rebound clip (50) or to a tail end unit (20). The units (40) have a relief (42) placed on the safety device cooperating with the strip in interdiction position to block the rotation of the safety device towards its rest position. A removable baffle is placed between the strip and relief. An independent claim is also included for a process for assembling a casement opening device.

IPC 8 full level

E05B 65/20 (2006.01); **E05B 65/12** (2006.01)

CPC (source: EP)

E05B 77/06 (2013.01); **E05B 85/16** (2013.01)

Cited by

US10113331B2; US8746758B2; JP2012527547A; US2012139272A1; JP2012518105A; EP1995399A4; US2013234455A1; EP2543801A3; ITMI20090008A1; ITMI20101598A1; EP2703582A1; EP1895081A1; FR2905399A1; US2020190865A1; US10975598B2; US2010325841A1; US11692377B2; US8840156B2; US9151090B2; US9810005B2; WO2010133372A1; WO2009111525A3; WO2012028325A3; WO2014033267A1; WO2009034035A1; WO2008068262A1; JP2016029258A; JP2010539354A

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1593802 A1 20051109; **EP 1593802 B1 20080109**; AT E383484 T1 20080115; DE 602005004198 D1 20080221; DE 602005004198 T2 20090115; ES 2299975 T3 20080601; FR 2869937 A1 20051111; FR 2869937 B1 20071221; PT 1593802 E 20080411

DOCDB simple family (application)

EP 05290825 A 20050414; AT 05290825 T 20050414; DE 602005004198 T 20050414; ES 05290825 T 20050414; FR 0404832 A 20040505; PT 05290825 T 20050414