

Title (en)

Assisted final closing device for an open wing or door of a vehicle

Title (de)

Vorrichtung zum Zuziehen einer geöffneten Klappe oder Tür eines Fahrzeugs an die Karosserie

Title (fr)

Fermeture assistée pour un volet ou une porte de véhicule

Publication

**EP 1614840 A3 20081029 (DE)**

Application

**EP 05007340 A 20050405**

Priority

DE 102004033035 A 20040707

Abstract (en)

[origin: EP1614840A2] The device has a lock that releases a lock part in the open position and traps it in the closed position, a motor-driven closure aid and at least one sensor that switches the motor on and/or off in a defined position of the flap (10) or door. The aid is independent of the lock and is a device of two parts (12,50), one mounted on the door or flap and the other on the body (11) of the vehicle.

IPC 8 full level

**E05B 65/12** (2006.01); **E05B 47/00** (2006.01)

CPC (source: EP)

**E05B 81/20** (2013.01); **E05B 81/21** (2013.01)

Citation (search report)

- [X] JP H03172486 A 19910725 - OHI SEISAKUSHO CO LTD
- [A] DE 19700887 A1 19980716 - EWALD WITTE GMBH & CO KG [DE]
- [A] US 4796932 A 19890110 - TAME OMAR D [US]
- [A] US 5222775 A 19930629 - KATO YUICHI [JP]
- [A] DE 8907984 U1 19901206

Cited by

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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

Designated extension state (EPC)

AL BA HR LV MK YU

DOCDB simple family (publication)

**EP 1614840 A2 20060111**; **EP 1614840 A3 20081029**; **EP 1614840 B1 20100728**; AT E475767 T1 20100815; DE 102004033035 A1 20060202; DE 502005009996 D1 20100909

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