

Title (en)

Safety system for a motor-driven swing wing

Title (de)

Sicherheitssystem für einen motorgetriebenen Schwenkflügel

Title (fr)

Système de sécurité pour un battant pivotant motorisé

Publication

EP 2075397 A3 20120530 (DE)

Application

EP 08171460 A 20081212

Priority

CN 200710300470 A 20071228

Abstract (en)

[origin: EP2075397A2] The system has a sensor arrangement with a sensor that is arranged in a housing i.e. hinge blank, attached to a motor-driven swing wing (10). The sensor produces a detection field in a movement area of the wing, which is supported at a door frame (13), in an activated condition by a monitoring signal. The housing is fixed at the wing in an area of a narrow side attached to the frame, and forms and arranges a component of a hinge joint (11) moved with the wing. The housing has a hollow-cylindrical curved area whose peripheral wall is interspersed in a radiation direction of a sensor signal.

IPC 8 full level

E05D 11/00 (2006.01); **E05F 15/00** (2006.01); **E05F 15/12** (2006.01); **E05F 15/20** (2006.01)

CPC (source: EP)

E05D 11/00 (2013.01); **E05F 15/42** (2015.01); **E05F 15/43** (2015.01); **E05F 15/611** (2015.01); **E05F 15/74** (2015.01); **E05F 2015/437** (2015.01); **E05F 2015/483** (2015.01); **E05Y 2400/326** (2013.01); **E05Y 2600/40** (2013.01); **E05Y 2900/132** (2013.01)

Citation (search report)

- [XAYI] WO 2005075786 A1 20050818 - DE LA COEUR NEIL FRANCIS [AU], et al
- [XA] WO 03014502 A1 20030220 - DE LA COEUR NEIL FRANCIS [AU], et al
- [XA] DE 10109141 A1 20010920 - SUCHANEK ROMAN [DE], et al
- [XAI] DE 102006030639 A1 20070719 - CONTI TEMIC MICROELECTRONIC [DE]
- [YA] DE 19630877 A1 19980205 - DORMA GMBH & CO KG [DE]

Cited by

FR2942538A1; EP3286394A4; EP2840217A1; FR3009837A1; DE102018100250A1; EP4321717A1; US11187022B1; WO2016171943A1

Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (publication)

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