

Title (en)

Universal locking for leaf that can be pivoted and moved along a travel path

Title (de)

Universelle Verriegelung für entlang eines Fahrwegs bewegbare und schwenkbare Flügel

Title (fr)

Verrouillage universel pour un battant mobile et pivotant le long d'un parcours de déplacement

Publication

EP 2450509 A3 20170426 (DE)

Application

EP 11008523 A 20111025

Priority

DE 102010050650 A 20101109

Abstract (en)

[origin: EP2450509A2] The universal locking device (100) has an electro-mechanical drive mechanism (150) that is electrically driven, such that locking elements (111,112,114) within the housing are moved to a locking position or to an unlocking position. The movement of wing along specific direction is blocked corresponding to the locking position of the locking elements that are engaged with an engagement recess. The movement of wing along specific direction is released corresponding to the unlocking position of locking elements that are disengaged from the engagement recess. An independent claim is included for swing door system.

IPC 8 full level

E05B 47/02 (2006.01); **E05B 65/08** (2006.01); **E05C 1/04** (2006.01); **E05B 17/10** (2006.01)

CPC (source: EP)

E05B 47/0004 (2013.01); **E05B 47/0012** (2013.01); **E05B 47/026** (2013.01); **E05B 63/0052** (2013.01); **E05B 65/0864** (2013.01); **E05C 1/04** (2013.01); **E05B 17/10** (2013.01); **E05B 65/0035** (2013.01); **E05B 65/087** (2013.01); **E05B 2047/0056** (2013.01); **E05B 2047/0069** (2013.01); **E05B 2047/0084** (2013.01)

Citation (search report)

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- [X] US 2010253516 A1 20101007 - LEMERAND L GALE [US], et al
- [X] EP 0949597 A2 19991013 - ROSS RICHARD [DE]
- [X] US 2003024288 A1 20030206 - GOKCEBAY ASIL T [US], et al
- [X] EP 1126105 A2 20010822 - SURELOCK MCGILL LTD [GB]

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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)

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