

Title (en)  
RECIPROCATION MECHANISM FOR ROTATION BODY

Title (de)  
HIN-UND-HERBEWEGUNGSMECHANISMUS FÜR EINEN ROTATIONSKÖRPER

Title (fr)  
MÉCANISME DE VA-ET-VIENT POUR CORPS ROTATIF

Publication  
**EP 2392757 A1 20111207 (EN)**

Application  
**EP 10735879 A 20100128**

Priority  
• JP 2010051165 W 20100128  
• JP 2009018008 A 20090129

Abstract (en)  
A reciprocation mechanism for a pivoting body, is provided with an arm body pivotally provided to a door and having a striker provided to the free end side of the arm body, a receiving member provided to a door frame so as to be slidable between a first position and a second position in the direction intersecting the direction of pivoting of the door, and a pressing means for pressing the receiving member toward the second position. The receiving member is adapted so as to be held at the first position while resisting the above pressing section and, after capturing the striker at the first position in the process of closing the door, to be released from being held at the first position and moved to the second position by the above pressing action.

IPC 8 full level  
**E05F 1/10** (2006.01); **E05F 5/02** (2006.01)

CPC (source: EP)  
**E05F 5/027** (2013.01); **E05Y 2900/132** (2013.01)

Cited by  
DE102015118961A1; DE102015118965A1; DE102015118968A1; DE102015118961B4; DE102015118965B4; WO2017077068A1;  
DE102015118968B4

Designated contracting state (EPC)  
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 SE SI SK SM TR

DOCDB simple family (publication)  
**EP 2392757 A1 20111207**; **EP 2392757 A4 20141105**; CN 102301082 A 20111228; CN 102301082 B 20150520; JP 2010174506 A 20100812;  
JP 5368813 B2 20131218; KR 101233874 B1 20130215; KR 20100088070 A 20100806; WO 2010087414 A1 20100805

DOCDB simple family (application)  
**EP 10735879 A 20100128**; CN 201080005741 A 20100128; JP 2009018008 A 20090129; JP 2010051165 W 20100128;  
KR 20100001294 A 20100107