

Title (en)  
LOCKING/UNLOCKING DEVICE

Title (de)  
SPERR- UND ENTSPERRVORRICHTUNG

Title (fr)  
DISPOSITIF DE VERROUILLAGE/DEVERROUILLAGE

Publication  
**EP 2243907 A1 20101027 (EN)**

Application  
**EP 09702656 A 20090115**

Priority  
• JP 2009050429 W 20090115  
• JP 2008007453 A 20080116

Abstract (en)  
In order to make it possible to add a security function by the use of a dial lock relatively easily and to lessen a number of operation to lock and unlock the dial lock so as to improve usability, a lock and unlock device comprises a dial lock (13) and a moving body (4) arranged on a drawer (22) to open or close a cabinet (21), and the moving body (4) moves toward one direction at a time when the drawer (22) is separated to be released from the cabinet (21) after a number of the dial lock (13) is verified and moves toward the other direction at a time when the drawer (22) approaches the cabinet (21) to be pressed into the cabinet (21), and the dial lock is reset to an unverified state by making use of the movement of the moving body (4).

IPC 8 full level  
**E05B 37/02** (2006.01); **E05B 65/44** (2006.01)

CPC (source: EP)  
**E05B 37/02** (2013.01); **E05B 65/46** (2013.01); **E05B 37/0089** (2013.01)

Citation (search report)  
See references of WO 2009090981A1

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 TR

Designated extension state (EPC)  
AL BA RS

DOCDB simple family (publication)  
**EP 2243907 A1 20101027**; CN 101970780 A 20110209; CN 101970780 B 20130703; WO 2009090981 A1 20090723

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**EP 09702656 A 20090115**; CN 200980109103 A 20090115; JP 2009050429 W 20090115