

Title (en)

AUTOMATIC SYSTEM FOR CLOSING WINDOWS OR DOORS

Title (de)

AUTOMATISCHES SYSTEM ZUM VERSCHLIESSEN VON FENSTERN ODER TÜREN

Title (fr)

SYSTÈME AUTOMATIQUE DE FERMETURE DE FENÊTRES OU PORTES

Publication

EP 3430216 B1 20191002 (EN)

Application

EP 17712226 A 20170209

Priority

- IT UA20161698 A 20160315
- IB 2017050710 W 20170209

Abstract (en)

[origin: WO2017158449A1] An automatic system (1) for closing windows or doors, comprising a counter-plate (2) installable on a fixed frame and provided with a first member (3) that is mobile with respect to the counter-plate (2). The system further comprises a lock-body (20) installable on a door or window leaf and provided with closing means (4) mobile between a release configuration, in which the closing means (4) engage the counter-plate (20), and a retained configuration, in which the closing means (4) are maintained internally of the lock-body (20) and do not engage the counter-plate (2). A switch (5) is housed in the lock-body (20) for activating a switching of the closing means (4) at least between the retained configuration and the release configuration. The system comprises a second member (6) solidly fixed to the lock-body (20) so that, when the lock-body (20) is proximal to the counter-plate (2), said second member (6) exchanges, with the first member (3), an attraction force of a magnetic type (3) which nears said first member (3) to the lock-body (20) so that it interacts magnetically with the switch (5) for activating the automatic switching of the closing means (4) between the retained configuration and the release configuration, said switch (5) being distinct and separated from said second member (6).

IPC 8 full level

E05B 63/20 (2006.01); **E05B 47/00** (2006.01); **E05B 63/00** (2006.01)

CPC (source: EP)

E05B 47/0038 (2013.01); **E05B 47/0046** (2013.01); **E05B 63/0013** (2013.01); **E05B 63/20** (2013.01)

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

DOCDB simple family (publication)

WO 2017158449 A1 20170921; EP 3430216 A1 20190123; EP 3430216 B1 20191002; IT UA20161698 A1 20170915

DOCDB simple family (application)

IB 2017050710 W 20170209; EP 17712226 A 20170209; IT UA20161698 A 20160315