

Title (en)
CLOSING DEVICE FOR WINDOWS AND DOORS

Title (de)
VERRIEGELUNGSVORRICHTUNG FÜR FENSTER UND TÜREN

Title (fr)
DISPOSITIF DE FERMETURE POUR FENÊTRES ET PORTES

Publication
EP 3918162 A1 20211208 (EN)

Application
EP 20700859 A 20200127

Priority
• IT 201900001519 A 20190201
• IB 2020050597 W 20200127

Abstract (en)
[origin: WO2020157624A1] A closing device (1) for windows and doors comprises a striker (3) adapted to be mounted on a frame (102) and comprising a magnetic abutment system and a lock (2) comprising a lock body (4) adapted to be mounted on a panel (101) and a latch (5) housed in the lock body (4). The latch (5) comprises a magnetic closing system and can be moved along a direction of motion (X) between a retracted position and at least one extracted position with respect to the lock body (4). The movement of the latch according to a closing direction (X1) from the retracted position to the extracted position is caused by the magnetic interaction between the magnetic abutment system and the magnetic closing system. The lock body (4) comprises a locking system (12) which can be switched between a first configuration, wherein the latch (5) is free to perform the movement along the direction of motion (X), and a second configuration, wherein the latch (5) is locked in the retracted position and creates a magnetic induction closing catch.

IPC 8 full level
E05B 63/00 (2006.01); **E05C 19/16** (2006.01)

CPC (source: EP)
E05B 63/0065 (2013.01); **E05C 19/16** (2013.01); **E05C 19/163** (2013.01)

Citation (search report)
See references of WO 2020157624A1

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)
WO 2020157624 A1 20200806; EP 3918162 A1 20211208; EP 3918162 B1 20220831; IT 201900001519 A1 20200801

DOCDB simple family (application)
IB 2020050597 W 20200127; EP 20700859 A 20200127; IT 201900001519 A 20190201