

Title (en)
LOCK FOR DOORS/WINDOWS/SHUTTERS

Title (de)
SCHLOSS FÜR TÜREN/FENSTER/FENSTERLÄDEN

Title (fr)
VERROU POUR PORTES/FENÊTRES/VOLETS

Publication
EP 3578744 B1 20201125 (EN)

Application
EP 19177551 A 20190530

Priority
• IT 201800006091 A 20180606
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Abstract (en)
[origin: EP3578744A1] Lock for doors/windows/shutters comprising a box-like body (2) provided with at least one front opening (3), a latch bolt (4) slidably housed in the box-like body (2) along a movement direction (X), provided with a stop portion (5) carrying, associated therewith, at least one first magnet (11) and susceptible of crossing the front opening (3) of the box-like body (2), a shaped counter-plate (7) provided with a housing cavity (13) delimited by at least one lateral wall and adapted to receive the stop portion (5) of the latch bolt (4) at its interior, at least one second magnet (12) mechanically associated with the shaped counter-plate (7) and susceptible of attracting the first magnet (11), movement means (10) housed within the box-like body (2), mechanically associated with said latch bolt (4) and drivable in order to move the latch bolt (4) between a retracted position and an extended position in order to insert the stop portion (5) within the housing cavity (13) of the shaped counter-plate (7); the first magnet (11) of the latch bolt (4) is provided with two first magnetic poles aligned along a first magnetization axis (Z) parallel to the movement direction (X) and the second magnet (12) of the shaped counter-plate (7) is placed at the lateral wall (8) and is provided with two second magnetic poles aligned along a second magnetization axis (Y) substantially orthogonal to the movement direction (X).

IPC 8 full level
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