

Title (en)  
LOCK UNIT FOR DOORS AND WINDOWS

Title (de)  
VERSCHLUSSEINHEIT FÜR TÜREN UND FENSTER

Title (fr)  
UNITÉ DE VERROUILLAGE POUR PORTES ET FENÊTRES

Publication  
**EP 3715567 A1 20200930 (EN)**

Application  
**EP 20165197 A 20200324**

Priority  
IT 201900004317 A 20190325

Abstract (en)  
A lock unit (1) for doors and windows, such as roller shutters, up-and-over doors, grills and other closing elements, comprises a first drive member (2) and a second (3) drive member that are movable along respective projecting/retracting (DI, DII) directions with respect to a box body (4) of the lock unit (1), the first drive member (2) and second drive member (3) being connectable to respective bolts to be driven to engage with, disengage from, respective locking seats provided on a wall or on a fixed counterframe; a control element (5) suitable for coupling with a rotatable handle to move the first (2) and second (3) drive members in the aforesaid projecting/retracting (DI, DII) directions; transmitting means (T) for transmitting a movement of the first (2) and second (3) member for driving the bolts, configured for transforming rotation of the control element (5) into linear movement of the first (2) and second (3) drive members in the projecting/retracting (DI, DII) directions; a seat (6) shaped for housing a lock cylinder (C) for key locking the lock unit (1); a control device (W) is provided that is activatable by the lock cylinder (C) and configured for enabling the rotation of said handle in a first rotation direction only as far as the cylinder (C) is taken, by the respective key (K), to a first angular position, on the other hand impeding, in this first angular position, the rotation of the handle in a second rotation direction opposite the first rotation direction; the control device (W) enables the rotation of the handle in the second rotation direction only as far as the cylinder (C) is taken, by the key (K), to a second angular position, preventing, in this second angular position, the rotation of the handle in the first rotation direction.

IPC 8 full level  
**E05C 9/04** (2006.01); **E05B 13/00** (2006.01); **E05B 63/18** (2006.01)

CPC (source: EP)  
**E05B 13/004** (2013.01); **E05B 63/0021** (2013.01); **E05B 63/18** (2013.01); **E05C 9/041** (2013.01)

Citation (applicant)  
• EP 1321613 A2 20030625 - BLINDATO EFFEPI S R L [IT]  
• FR 2423610 A1 19791116 - CROISEES & PROFILS SA [FR]

Citation (search report)  
• [AD] EP 1321613 A2 20030625 - BLINDATO EFFEPI S R L [IT]  
• [AD] FR 2423610 A1 19791116 - CROISEES & PROFILS SA [FR]  
• [A] DE 1247171 B 19670810 - WEIDTMANN FA WILHELM

Cited by  
SE2250735A1

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)  
**EP 3715567 A1 20200930**; **EP 3715567 B1 20230927**; **EP 3715567 C0 20230927**; IT 201900004317 A1 20200925

DOCDB simple family (application)  
**EP 20165197 A 20200324**; IT 201900004317 A 20190325