

Title (en)  
DISPLACEMENT SYSTEM COMPRISING LOCKING SYSTEM

Title (de)  
VERSCHIEBESYSTEM MIT VERRIEGELUNGSSYSTEM

Title (fr)  
SYSTÈME DE DÉPLACEMENT COMPRENANT UN SYSTÈME DE VERROUILLAGE

Publication  
**EP 3623560 A1 20200318 (EN)**

Application  
**EP 19196751 A 20190911**

Priority  
DK PA201870605 A 20180917

Abstract (en)  
The present disclosure relates to a displacement system (1) for opening and closing a building aperture cover such as a window or a door. The displacement system comprises a drive system (5) comprising a drive unit (5a), and an actuator system comprising a push-pull chain (2), and a locking part displacer (20) connected to said push-pull chain (2). The locking part displacer is configured to be displaced relative to said push-pull chain (2) when subjected to a pulling force (F1) or pushing force (F2), wherein said displacement is in the direction of said pulling force or pushing force. one or more locking parts (10) are movably connected to said actuator system, and the one or more locking parts (10) is/are configured to move between a locking position (POS1) and an unlocking position (POS2). The one or more locking parts (10) is/are connected to said locking part displacer (20) so that the locking part (10) is displaced between the locking position (POS1) and unlocking position (POS2) when the locking part displacer (20) is displaced relatively to said push-pull chain (2), whereby an engagement part (10a) of the locking part (10) is displaced in a direction transverse to said subjected pulling or pushing force (F1, F2). The present disclosure moreover relates to a building aperture cover.

IPC 8 full level  
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CPC (source: EP)  
**E05F 11/06** (2013.01); **E05F 15/619** (2015.01); **E05Y 2201/42** (2013.01); **E05Y 2201/656** (2013.01); **E05Y 2201/724** (2013.01)

Citation (applicant)  
• DE 19534614 A1 19970320 - WINKHAUS FA AUGUST [DE]  
• EP 2146032 A1 20100120 - ROTO FRANK AG [DE]  
• AU 2014100240 A4 20140410 - WEI ZU XU [CN]

Citation (search report)  
• [X1] EP 1764469 A1 20070321 - GSG INT SPA [IT]  
• [X1] EP 1443165 A2 20040804 - RBS BESCHLAEGE GMBH [CH]  
• [XAI] EP 1057959 A2 20001206 - RBS BESCHLAEGE GMBH [CH]  
• [A] DE 202013011539 U1 20140711 - DRITTEL VOLKER [DE]  
• [AD] EP 2146032 A1 20100120 - ROTO FRANK AG [DE]

Designated contracting state (EPC)  
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Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
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DOCDB simple family (application)  
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