

Title (en)
An operating unit for doors and windows

Title (de)
Betätigungsvorrichtung für Türen und Fenster

Title (fr)
Dispositif d'actionnement pour portes et fenêtres

Publication
EP 1479862 A3 20061206 (EN)

Application
EP 04425341 A 20040513

Priority
IT BO20030312 A 20030520

Abstract (en)
[origin: EP1479862A2] Described is an operating unit for doors or windows, especially for doors or windows comprising a fixed frame and a mobile frame (1); the mobile frame (1) has a U-shaped channel (2) for positioning and fitting the operating unit (3); the unit (3) comprises transmission means (6) which are mobile in the channel (2) in a direction parallel to it and which are connected to a handle designed to move the transmission means (6) in both directions; the transmission means (6) present locking and/or operating elements (7) actuated by the handle so as to enable the mobile frame (1) to be moved into the open and closed configurations. The operating unit (3) further comprises means (8) for retaining the transmission means (6) and fitted stably inside the channel (2); and at least one operating element (6) constituting the transmission means and equipped with quick-release snap fitting means (9) for connection to the retaining means (8); the operating element (6) is insertable into the channel (2) from the front so as to permit the sliding of the operating element (6) in the channel (2) in both directions.

IPC 8 full level
E05C 9/22 (2006.01); **E05C 9/00** (2006.01)

CPC (source: EP)
E05C 9/006 (2013.01); **E05C 9/22** (2013.01)

Citation (search report)
• [XA] EP 1087085 A1 20010328 - ROTO FRANK AG [DE]
• [XA] DE 19859546 A1 20000706 - ESCO METALLBAUBESCHLAG HANDEL GMBH [DE]
• [XA] GB 1393565 A 19750507 - MUEHLE M
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• [A] DE 1933822 A1 19710114 - FRANK GMBH WILH
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• [A] EP 0843062 A2 19980520 - ROTO FRANK AG [DE]

Cited by
EP2317045A1; EP2058463A3; FR2932518A1; FR2952141A1; US2021293062A1

Designated contracting state (EPC)
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Designated extension state (EPC)
AL HR LT LV MK

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EP 1479862 A2 20041124; EP 1479862 A3 20061206; IT BO20030312 A1 20041121

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