

Title (en)  
Operating unit for doors or windows

Title (de)  
Betätigungseinheit für Türe oder Fenster

Title (fr)  
Unité d'actionnement pour portes ou fenêtres

Publication  
**EP 1743996 A3 20090729 (EN)**

Application  
**EP 06117216 A 20060714**

Priority  
IT BO20050473 A 20050715

Abstract (en)  
[origin: EP1743996A2] An operating unit for outward opening doors or windows comprises: a handle body (3), from one side of which there protrudes a handgrip (4) designed to operate drive components (5) that protrude from the opposite side of the handle body (3); the latter is applicable to a first door or window sash (1a) surface (6) forming a wall of a tubular groove (7) of the profile and having a first slot (8) through which the drive components (5) can be inserted into the tubular groove (7); means (9a, 9b) designed to operate door or window (1) latching devices (10) and slidably engaged in a channel (11) made in a second surface (12) of the door or window sash (1a) and having a second slot (13) through which the operating means (9a, 9b) can be connected to the drive components (5) inside the tubular groove (7) so as to enable the door or window (1) to be opened and closed; an independent connecting element (15) slidably positioned in the channel (11) at the second slot (13) in such a way as to securely fasten at least one rod segment (9a, 9b), constituting the operating means, to the drive components (5).

IPC 8 full level  
**E05C 9/20** (2006.01); **E05C 9/02** (2006.01); **E05C 9/04** (2006.01)

CPC (source: EP)  
**E05C 9/20** (2013.01)

Citation (search report)

- [XA] FR 2664932 A1 19920124 - BEZAULT SA [FR]
- [XA] DE 19506106 A1 19950928 - ROTO FRANK AG [DE]
- [XA] EP 1219768 A2 20020703 - EUROINVEST S R L [IT]
- [XA] FR 2722527 A1 19960119 - ALCAN FRANCE [FR]

Cited by  
EP2295687A3

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK RS

DOCDB simple family (publication)  
**EP 1743996 A2 20070117**; **EP 1743996 A3 20090729**; **EP 1743996 B1 20151111**; CN 100422499 C 20081001; CN 1896445 A 20070117; ES 2561806 T3 20160301; IT BO20050473 A1 20070116

DOCDB simple family (application)  
**EP 06117216 A 20060714**; CN 200610008603 A 20060217; ES 06117216 T 20060714; IT BO20050473 A 20050715