

Title (en)

Actuator for a window, a French window, a ventilation shutter or the like

Title (de)

Betätigungsvorrichtung für ein Fenster, eine Fenstertür, eine Lüftungsklappe oder dergleichen

Title (fr)

Dispositif de commande pour une fenêtre, une porte-fenêtre, un volet d'aération ou similaire

Publication

EP 1422374 A3 20100324 (DE)

Application

EP 03103462 A 20030919

Priority

DE 10253754 A 20021119

Abstract (en)

[origin: EP1422374A2] The actuating device includes a drive mechanism driving a force transfer member which has two chains (7,8) connected together in the extended state. Individual chain links (11) of one chain (7) closer to the bearing of the window casement (2) are shorter in the extended state than the other chain (8). The bearing bolts of the chains are parallel to the bearing axis of the bearing of the casement. The bearing bolts of the chain closer to the casement bearing are guided in oblong holes.

IPC 8 full level

E05F 15/12 (2006.01); **E05F 11/06** (2006.01)

CPC (source: EP)

E05F 11/06 (2013.01); **E05F 15/619** (2015.01); **E05Y 2201/656** (2013.01); **E05Y 2201/724** (2013.01); **E05Y 2900/148** (2013.01)

Citation (search report)

- [Y] DE 4131762 A1 19930401 - WINKHAUS FA AUGUST [DE]
- [Y] EP 0677629 A1 19951018 - BBD SA [CH]
- [Y] FR 1200405 A 19591221
- [A] DE 29817563 U1 19990128 - D & H MECHATRONIC DINGFELDER & [DE]

Cited by

EP3647521A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

Designated extension state (EPC)

AL LT LV MK

DOCDB simple family (publication)

EP 1422374 A2 20040526; **EP 1422374 A3 20100324**; DE 10253754 A1 20040603

DOCDB simple family (application)

EP 03103462 A 20030919; DE 10253754 A 20021119