

Title (en)

Devices suitable for electrically opening a door or a window which pivots in a frame

Title (de)

Vorrichtungen für elektrisches Öffnen einer Tür oder eines Fensters, die in ein m Rahmen drehen

Title (fr)

Dispositifs pour l'ouverture électrique d'une porte ou d'une fenêtre pivotant dans un châssis

Publication

EP 0854262 A2 19980722 (EN)

Application

EP 98200144 A 19980120

Priority

NL 1005050 A 19970121

Abstract (en)

Devices (4) suitable for electrically opening a door (13) or a window, for example, which pivots in a frame (1). The device (4) comprises a longitudinally adjustable element (15), which is to be pivotally connected to the frame (1) with one end (16) and which is to be pivotally connected to the door (13) or the window with the other end (18). The longitudinally adjustable element (15) comprises a rod (41) which can be telescoped out of a housing by means of an electric motor (42). The longitudinally adjustable element (15) can also be manually adjusted for length against spring force. The device may comprise an elongated section (17) present between parallel posts (2) of the frame (1), to which section (17) one end (16) of an electrically operated moving mechanism (15) is attached, whilst the other end (18) of said mechanism (15) is attached to the door (13) or the window. The section (17) is provided, at least at one end, with a clamping mechanism (19) comprising four hemispherical elements (26,29,31,32), which are arranged in opposite pairs, with the convex sides being turned towards each other, whereby movement of the elements of a first pair towards each other will cause the elements of the second pair to move away from each other. <IMAGE>

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IPC 8 full level

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CPC (source: EP)

E05F 15/622 (2015.01); **E05Y 2900/132** (2013.01); **E05Y 2900/148** (2013.01)

Citation (applicant)

- EP 0632181 A1 19950104 - HAUTAU GMBH W [DE]
- US 5412908 A 19950509 - WILD PAUL [US]

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CZ297301B6; US10214952B2; EP3203005A1; CN107044240A; JP2017160772A

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