

Title (en)

Chain actuator for moving windows, tilting frames or the like

Title (de)

Kettenantrieb zur Bewegung von Fenstern, Kipp-Rahmen oder dergleichen

Title (fr)

Transmission par chaîne pour mouvoir des fenêtres, des cadres basculants ou similaires

Publication

EP 1686227 A2 20060802 (EN)

Application

EP 06100749 A 20060124

Priority

IT SV20050005 A 20050131

Abstract (en)

Chain actuator (1) for moving windows, tilting frames or the like, of the type comprising a box-like casing (101), a chain (2), means for guiding said chain intended to help in defining a path of said chain inside said box-like casing (101), said path leading outside through an opening formed in said box-like casing (101), means (4) for moving said chain between a retracted position where the chain (2) is prevalently housed inside the box-like casing (101) and an extended position where the chain (2) is prevalently outside the box-like casing (101). Guiding means (201) comprise guide inserts (301,301') that are capable of being deformed according to temperature, said guiding inserts (301,301') defining at least a first and at least a second path for the chain (2) according to temperature. The chain actuator (1) has a transmission for transferring motion of a starting motor (104) to a kinematic chain by worm screw (304) and gear wheel couple (204). The worm screw (304) is coupled to the motor shaft (404) by a thrust bearing (604) riveted on one end of the worm screw (304), said bearing being supported by a collar obtained inside the bracket (504) supporting the gear wheel such that when the bracket (504) is secured to the motor (104), the axial movement moving away the worm screw (304) from the motor is prevented.

IPC 8 full level

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CPC (source: EP)

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Cited by

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