

Title (en)

Gear mechanism, in particular mortise gear mechanism for a window or similar

Title (de)

Getriebe, insbesondere Schlagleistengetriebe für ein Fenster oder dergleichen

Title (fr)

Mécanisme d'engrenage, en particulier mécanisme d'engrenage encastré pour fenêtre ou similaire

Publication

EP 1462594 B2 20121121 (DE)

Application

EP 03013189 A 20030612

Priority

DE 10309496 A 20030225

Abstract (en)

[origin: EP1462594A1] Mechanism (1), especially a shootbolt mechanism, for a fitting of a window, door, etc. comprises a housing (2), at least one driving rod (8, 13) and a drive gearwheel (3) having teeth (6) which mesh with recesses (7) in the driving rod (8). The axis of rotation (4) of the drive gearwheel lies at a distance (X) from the driving rod on the rebate side. An independent claim is also included for a fitting of a window, door, etc. comprising the above mechanism. Preferred Features: The mechanism is designed as an expanding mechanism.

IPC 8 full level

E05C 9/04 (2006.01); **E05C 7/04** (2006.01); **E05C 9/12** (2006.01)

CPC (source: EP)

E05C 9/041 (2013.01); **E05C 7/04** (2013.01)

Citation (opposition)

Opponent :

- DE 604687 C 19341026 - STEINBACH & VOLLMANN KOM GES
- DE 677389 C 19390624 - WILHELM WEIDTMANN G M B H
- DE 733665 C 19430331 - GRIESHAMMER WERKE AG
- DE 1993848 U 19680912 - GRETSCH UNITAS GMBH [DE]
- DE 4211464 A1 19931007 - SCHUECO INT KG [DE]
- EP 0763641 B1 19990825 - SIEGENIA FRANK KG [DE]

Cited by

EP2366855A1; EP2096244A1; DE102005025890B3; FR2919887A1; DE102004040087A1; DE102004040087B4; FR2899266A1; EP1842996A1; FR2924737A1; EP2317046A1; EP2273045A1

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)

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EP 03013189 A 20030612; AT 03013189 T 20030612; AT 04029943 T 20030612; CN 200480004492 A 20040206; DE 50306915 T 20030612; DE 50311998 T 20030612; EA 200501345 A 20040206; EP 04029943 A 20030612; EP 2004001093 W 20040206; ES 03013189 T 20030612; ES 04029943 T 20030612; HR P20050700 A 20050804; PL 37735604 A 20040206; SI 200330847 T 20030612; SI 200331721 T 20030612; UA 2005009027 A 20040206; YU P20050647 A 20040206