

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: EP1518985A1] 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; FR2919887A1; DE102005025890B3; DE102004040087A1; DE102004040087B4; FR2899266A1; EP1842996A1; FR2924737A1; EP2273045A1; EP2317046A1

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 1462594 A1 20040929; EP 1462594 B1 20091007; EP 1462594 B2 20121121; AT E358222 T1 20070415; AT E445069 T1 20091015; CN 100417783 C 20080910; CN 1751166 A 20060322; DE 50306915 D1 20070510; DE 50311998 D1 20091119; EA 007113 B1 20060630; EA 200501345 A1 20060224; EP 1518985 A1 20050330; EP 1518985 B1 20070328; ES 2283931 T3 20071101; ES 2333590 T3 20100224; ES 2333590 T5 20130326; HR P20050700 A2 20051031; HR P20050700 B1 20120930; PL 212896 B1 20121231; PL 377356 A1 20060206; RS 20050647 A 20071231; RS 50447 B 20100302; SI 1462594 T1 20100226; SI 1462594 T2 20130329; SI 1518985 T1 20070831; UA 79547 C2 20070625; WO 2004076788 A1 20040910

DOCDB simple family (application)

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