Title (en)
    DRIVING ROD DRIVE

Title (de)
    TREIBSTANGENANTRIEB

Title (fr)
    MECANISME DE COMMANDE DE BIELLE

Publication
    EP 1863990 B1 20080709 (DE)

Application
    EP 06707688 A 20060110

Priority
    • EP 2006050117 W 20060110
    • DE 202005005121 U 20050329

Abstract (en)
    [origin: WO2006103121A1] The invention relates to a drive for a driving rod (1) for a window or door, wherein a toothed wheel (7) which is, for example manually controlled by a hand lever, is rotationally mounted in a housing (4). A driving rod (3) movable along the housing (4) and directly or indirectly interacting with the teeth of the toothed wheel (7) is associated therewith. Abutments (13) extending in a parallel position to the axis of rotation (14) of the toothed wheel (7) are provided in the housing (4) for the hand lever fixing elements. Said housing (4) comprises two housing halves (5,6) in which the toothed wheel (7) bearing is placed. A spacer (8) is arranged between the housing halves (5,6) and comprises the abutments for the hand lever fixing elements and fixing elements connectable to said housing halves (5,6). The aim of said invention is to design a drive for the driving rod drive consisting of individual parts which are easily producible at low cost and mountable without any problem. For this purpose, the housing halves consist of identical plates (5, 6), the spacer (8) is embodied in the form of an angled metal sheet section which is placed between said plates and comprises at least one vertical web (15) which extends along the axis of rotation (14) of the toothed wheel (7) and is associated with said plates (5, 6) for fixing, the spacer (8) length approximately corresponds to the space between the fixing elements, and the abutments (13) are mounted on said spacer.

IPC 8 full level
    E05C 9/02 (2006.01)

CPC (source: EP KR)
    E05C 9/02 (2013.01 - KR); **E05C 9/021** (2013.01 - EP)

Cited by
    DE102009000822A1; EP2218852A3; EP2218852A2

Designated contracting state (EPC)
    AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
    WO 2006103121 A1 20061005; AT E400720 T1 20080715; CN 100591885 C 20100224; CN 101189406 A 20080528;
    DE 202005005121 U1 20060803; DE 502006001082 D1 20080821; EA 010553 B1 20081030; EA 200702098 A1 20080228;
    EP 1863990 A1 20071212; EP 1863990 B1 20080709; KR 101194963 B1 20121105; KR 20070122446 A 20071231; PL 1863990 T3 20081231;
    UA 89079 C2 20091225

DOCDB simple family (application)
    EP 2006050117 W 20060110; AT 06707688 T 20060110; CN 200680014809 A 20060110; DE 202005005121 U 20050329;
    DE 502006001082 T 20060110; EA 200702098 A 20060110; EP 06707688 A 20060110; KR 20077014743 A 20060110;
    PL 06707688 T 20060110; UA A200711853 A 20060110