Title (en)

WINDOW OR DOOR

Title (de

FENSTER ODER TÜR

Title (fr)

FENETRE OU PORTE

Publication

EP 1957736 B1 20090506 (DE)

Application

EP 06841265 A 20061020

Priority

- EP 2006067605 W 20061020
- DE 102005000177 A 20051205

Abstract (en)

[origin: WO2007065754A1] The invention relates to a window or a door with a driving rod gear mechanism (6) which is arranged in a circumferential groove (7) of the rebate (8) of the casement or leaf (2) and in which a driving rod (21) is indirectly driven by a gearwheel (11) which is mounted in a housing (17) which is rotationally driven by a shaft of an operating hand lever (5), wherein the axis of rotation (10) of the shaft is arranged upstream of the rebate (8) and the gearwheel (11) engages over the driving rod (21) on the rebate side, and wherein the gearwheel (11) is assigned a Z-shaped slider (14) which is assigned with a first toothing (15) to the gearwheel (11) and acts with a second toothing (16) on an intermediate wheel (18) mounted in a positionally fixed manner in the housing (17). In order to provide a window or a door in which the driving rod gear mechanism (6) permits a 180° movement of the operating lever (5) but which also takes up only a small amount of construction space preferably upstream of the circumferential groove (8), it is provided that the intermediate wheel (18) has at least two toothings (19, 20) which are offset axially, wherein the first toothing (19) is assigned to the slider (14) and the second toothing (20) is assigned to the driving rod (21), and wherein the first toothing (19) has a smaller reference diameter (22) than the second toothing (20).

IPC 8 full level

E05C 9/02 (2006.01)

CPC (source: EP)

E05C 9/021 (2013.01)

Cited by

DE102016118112A1

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)

**DE 102005000177 A1 20070606**; AT E430861 T1 20090515; DE 502006003688 D1 20090618; EP 1957736 A1 20080820; EP 1957736 B1 20090506; WO 2007065754 A1 20070614

DOCDB simple family (application)

**DE 102005000177 À 20051205**; AT 06841265 T 20061020; DE 502006003688 T 20061020; EP 06841265 A 20061020; EP 2006067605 W 20061020