

Title (en)

Latch rod operating structure of a window or door

Title (de)

Antrieb eines Riegelstangenbeschlages eines Fensters oder einer Tür

Title (fr)

Actionnement pour système de tige de verrouillage sur une fenêtre ou sur une porte

Publication

EP 0564863 B1 19960124 (DE)

Application

EP 93104417 A 19930318

Priority

DE 4211464 A 19920406

Abstract (en)

[origin: US5388370A] One stile of the sash in a door or window frame has an elongated channel for an elongated trough-shaped gear case rotatably receiving a first gear in mesh with the toothed rack of a reciprocable carrier in the gear case. A bifurcated end portion of the carrier mounts a second gear which meshes with a fixed rack of the gear case and with an elongated rack which is slidable along and overlies an open side of the gear case. The first gear can be rotated by a handle to move the carrier whereby the second gear rolls along the fixed rack and causes the elongated rack to perform a movement greater than the carrier. The elongated rack is coupled to motion receiving bars in the channel of the stile.

IPC 1-7

E05C 9/12

IPC 8 full level

E05C 9/02 (2006.01); **E05C 9/12** (2006.01); **E05B 63/06** (2006.01)

CPC (source: EP KR US)

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Cited by

EP1533453A1; EP1619330A1; CN111140084A; WO9629494A1

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US 5388370 A 19950214; AT E133467 T1 19960215; CA 2093399 A1 19931007; CA 2093399 C 20040629; CZ 285178 B6 19990616; CZ 47893 A3 19940413; DE 4211464 A1 19931007; DE 59301485 D1 19960307; DK 0564863 T3 19960318; EP 0564863 A1 19931013; EP 0564863 B1 19960124; ES 2082535 T3 19960316; FI 109821 B 20021015; FI 931533 A0 19930405; FI 931533 A 19931007; HU 212815 B 19961128; HU 9300914 D0 19930830; HU T66985 A 19950130; JP H06280431 A 19941004; KR 0158709 B1 19990115; KR 930021909 A 19931123; NO 300904 B1 19970811; NO 931303 D0 19930405; NO 931303 L 19931007; PL 171327 B1 19970430; PL 298360 A1 19931213; SK 280876 B6 20000814; SK 32293 A3 19931110

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