

Title (en)
Motion reversing device

Title (de)
Bewegungsumkehrvorrichtung

Title (fr)
Dispositif d'inversion de mouvement

Publication
EP 1479861 A3 20071212 (DE)

Application
EP 04008941 A 20040415

Priority
DE 20308054 U 20030521

Abstract (en)
[origin: EP1479861A2] The device comprises a flexible guide member (15) guided or tensioned on the casement of a window or door so that two parallel sections are opposite one another. The guide member comprises a chain guided about an axis running perpendicular to a inverted rail (4) whereby the chain is in front of the rail and the followers (11, 12) which are coupled to the guide member engage through the inverted rail in an oblong hole (13). The chain is guided in an oval groove (17) of a housing (16) in which the parallel sections and guides are provided. The followers are substantially L-shaped.

IPC 8 full level
E05C 9/10 (2006.01); **E05B 53/00** (2006.01); **E05C 9/04** (2006.01); **E05C 9/12** (2006.01)

CPC (source: EP)
E05B 53/003 (2013.01); **E05C 9/04** (2013.01)

Citation (search report)

- [DA] EP 0327264 A2 19890809 - CROMPTON LTD [GB]
- [DA] WO 0125576 A1 20010412 - SIEGENIA FRANK KG [DE]
- [A] EP 0708218 A1 19960424 - SCHLUETER HEINRICH [DE]

Cited by
DE202010004688U1

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 PL PT RO SE SI SK TR

Designated extension state (EPC)
AL HR LT LV MK

DOCDB simple family (publication)
EP 1479861 A2 20041124; EP 1479861 A3 20071212; EP 1479861 B1 20081119; AT E414834 T1 20081215; DE 20308054 U1 20030904; DE 502004008471 D1 20090102

DOCDB simple family (application)
EP 04008941 A 20040415; AT 04008941 T 20040415; DE 20308054 U 20030521; DE 502004008471 T 20040415