

Title (en)
Rolling element

Title (de)
Laufelement

Title (fr)
Élément de roulement

Publication
EP 0816616 B2 20031008 (DE)

Application
EP 97111321 A 19970704

Priority
DE 19627005 A 19960705

Abstract (en)
[origin: EP0816616A2] In a sliding window or door, a rotary-sliding leaf is displaced in a frame (1) in a slide rail (30) on a roller (5). The leaf has a push rod (7) operated by a handle and holds the leaf in the slide rail in combination with a roller which form a guide. The leaf can be held in position along the rail and then rotated, the roller and the rail then being separable. The roller is pivotable by actuation of the push rod, which has a transmission member by which the roller can be adjusted in its vertical position in the rail.

IPC 1-7
E05D 15/58; **E05F 7/06**; **E06B 3/50**; **E05D 15/10**

IPC 8 full level
E05D 15/10 (2006.01); **E05D 15/58** (2006.01); **E05F 7/06** (2006.01); **E06B 3/50** (2006.01); **E05F 1/08** (2006.01)

CPC (source: EP)
E05D 15/1042 (2013.01); **E05D 15/58** (2013.01); **E05D 15/48** (2013.01); **E05D 2015/1049** (2013.01); **E05D 2015/1063** (2013.01); **E05D 2015/587** (2013.01); **E05F 1/16** (2013.01); **E05F 7/06** (2013.01); **E05Y 2201/412** (2013.01); **E05Y 2201/64** (2013.01); **E05Y 2600/20** (2013.01); **E05Y 2900/132** (2013.01); **E05Y 2900/148** (2013.01)

Citation (opposition)
Opponent :

- DE 2213877 A1 19731004 - WAGGON UNION GMBH
- DE 631068 C 19360611 - ANTON POTTHOFF & HELMUTH LOREN

Cited by
EP1178174A3; EP0905343A3; US11371274B2; EP1571282A3; EP1437472A1; DE19906071A1; DE19906071C2; FR2960015A1; EP1178174A2; EP1571282A2; WO2011016059A1; WO2018107051A1

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB IE IT LI LU NL SE

DOCDB simple family (publication)
EP 0816616 A2 19980107; **EP 0816616 A3 19990113**; **EP 0816616 B1 19991215**; **EP 0816616 B2 20031008**; AT E187799 T1 20000115; DE 19627005 C1 19980122; DE 59700836 D1 20000120; DK 0816616 T3 20000425; ES 2141560 T3 20000316

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