

Title (en)  
RAIL FASTENING DEVICE

Title (de)  
VORRICHTUNG ZUM BEFESTIGEN EINER SCHIENE

Title (fr)  
DISPOSITIF DE FIXATION DE RAILS

Publication  
**EP 0659224 B1 19970730 (DE)**

Application  
**EP 93919241 A 19930902**

Priority  
• DE 4229014 A 19920902  
• EP 9302365 W 19930902

Abstract (en)  
[origin: WO9405858A1] A rail fastening device for a slide chair (12) detachably arranged on a ribbed plate (4) is held on a foot (20) of a stock rail (10) by two mutually spaced torsion bar elements (26).

IPC 1-7  
**E01B 7/22**

IPC 8 full level  
**E01B 7/22** (2006.01)

CPC (source: EP KR)  
**E01B 7/22** (2013.01 - EP KR)

Designated contracting state (EPC)  
AT DE DK FR IT NL SE

DOCDB simple family (publication)  
**WO 9405858 A1 19940317**; AT E156210 T1 19970815; AU 4956093 A 19940329; DE 4229014 A1 19940303; DE 59307026 D1 19970904; DK 0659224 T3 19980302; EP 0659224 A1 19950628; EP 0659224 B1 19970730; FI 114559 B 20041115; FI 950935 A0 19950301; FI 950935 A 19950301; KR 100276032 B1 20001215; KR 950703103 A 19950823; NO 304705 B1 19990201; NO 950795 D0 19950301; NO 950795 L 19950301; PL 172634 B1 19971031; PL 307787 A1 19950626

DOCDB simple family (application)  
**EP 9302365 W 19930902**; AT 93919241 T 19930902; AU 4956093 A 19930902; DE 4229014 A 19920902; DE 59307026 T 19930902; DK 93919241 T 19930902; EP 93919241 A 19930902; FI 950935 A 19950301; KR 19950700820 A 19950302; NO 950795 A 19950301; PL 30778793 A 19930902