

Title (en)  
RAILWAY SWITCH ACTUATOR

Title (de)  
BETÄTIGUNGSVORRICHTUNG FÜR WEICHEN

Title (fr)  
ACTIONNEUR D'AIGUILLAGE POUR VOIES DE CHEMIN DE FER

Publication  
**EP 1077860 A1 20010228 (EN)**

Application  
**EP 99918175 A 19990426**

Priority  
• GB 9901283 W 19990426  
• GB 9808900 A 19980424

Abstract (en)  
[origin: WO9955571A1] An actuator for a railway rail switch system comprising stock rails (10, 12) and switch rails (16, 18) includes an actuator carriage moveable on a base (20). The carriage is mounted to the switch rails (16, 18) via brackets (72) and is driven relative to the base (20) such that the carriage first moves relative to the brackets to locate a stock rail, and when the stock rail is engaged the brackets move relative to the carriage to align the switch rails to the stock rail. As a result secure clamping is achieved between the switch and stock rails and there is automatic compensation for movement or wear in the rails.

IPC 1-7  
**B61L 5/06**; **B61L 5/10**

IPC 8 full level  
**B61L 5/06** (2006.01); **B61L 5/10** (2006.01)

CPC (source: EP)  
**B61L 5/06** (2013.01); **B61L 5/10** (2013.01)

Citation (search report)  
See references of WO 9955571A1

Cited by  
NL1040288A; KR101963692B1; CN114212120A

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

DOCDB simple family (publication)  
**WO 9955571 A1 19991104**; AT E234215 T1 20030315; AU 3620499 A 19991116; DE 69905873 D1 20030417; DE 69905873 T2 20040108; EP 1077860 A1 20010228; EP 1077860 B1 20030312; ES 2198911 T3 20040201; GB 2336615 A 19991027; GB 9808900 D0 19980624

DOCDB simple family (application)  
**GB 9901283 W 19990426**; AT 99918175 T 19990426; AU 3620499 A 19990426; DE 69905873 T 19990426; EP 99918175 A 19990426; ES 99918175 T 19990426; GB 9808900 A 19980424