

Title (en)

Apparatus in a switch point system for mechanical locking of the switch tongue

Title (de)

Vorrichtung in einem Weichenstellsystem zum mechanischen Verriegeln einer Weichenzunge

Title (fr)

Dispositif dans un système de manoeuvre d'aiguilles pour le verrouillage d'une lame d'aiguillage

Publication

EP 1762454 A1 20070314 (DE)

Application

EP 05019842 A 20050913

Priority

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Abstract (en)

The device has a locking unit with a fastening plate (107) that is designed with a locking head (119) and a squared through hole. The head engages with side nuts in notches of a slide chair plate (2) and bends downwards at its end. The hole receives a screw nut of a T-threaded bolt (10) in a twisting-proof manner. The bolt is locked with its T-bolt head in the notches. The locking head is formed with a contour, which is tapered either from its left end or right end inwards or downwards to a slide plate (1), at its outer side.

IPC 8 full level

B61L 5/10 (2006.01)

CPC (source: EP)

B61L 5/10 (2013.01)

Citation (applicant)

EP 0455153 A2 19911106 - BUTZBACHER WEICHENBAU GMBH [DE]

Citation (search report)

- [A] GB 360862 A 19311111 - JAMES WILLIAM CURRAN
- [A] GB 190918500 A 19091220 - JOHNSON ARTHUR HENRY
- [A] EP 1470983 A1 20041027 - VIALIS NMA RAILWAY SIGNALLING [NL]

Cited by

CN107628063A; CN107700283A; CN110696875A; CN113635939A; EP2412601A1; FR2963305A1; WO2016193726A1

Designated contracting state (EPC)

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