

Title (en)

METHOD FOR LOCKING MOVEABLE POINT SECTIONS

Title (de)

VORRICHTUNG ZUM VERRIEGELN VON BEWEGLICHEN WEICHENTEILEN

Title (fr)

DISPOSITIF POUR VERROUILLER DES PARTIES D'AIGUILLAGE MOBILES

Publication

EP 0984882 B1 20020327 (DE)

Application

EP 98929403 A 19980529

Priority

- DE 29709420 U 19970530
- EP 9803210 W 19980529

Abstract (en)

[origin: US6270041B1] An apparatus for mechanically locking the end positions of movable point sections, with two adjusting rods (12, 14), each of which is connected with one of the point sections and which are coupled mechanically with one another, with at least one locking tappet (28) for locking the adjusting rods in each case in one of their end positions and a force limiting device, which cancels the locking, when the force, exerted by the point sections on the adjusting rods, exceeds a certain value, and the force limiting device is formed by a coupling device (30, 32), which yields when stressed and is located between the adjusting rods (12, 14), and by a transfer mechanism (16, 38), which converts the movement of one of the adjusting rods into a movement for unlocking the locking tappet (28).

IPC 1-7

B61L 5/10

IPC 8 full level

B61L 5/10 (2006.01)

CPC (source: EP US)

B61L 5/10 (2013.01 - EP US)

Cited by

DE102010037643A1; DE202010005519U1; WO2011147961A1

Designated contracting state (EPC)

AT BE CH DE ES FI FR GB IE IT LI NL PT SE

DOCDB simple family (publication)

US 6270041 B1 20010807; AT E215033 T1 20020415; AU 728456 B2 20010111; AU 7917498 A 19981230; CA 2291130 A1 19981203; CZ 290705 B6 20020911; CZ 405399 A3 20000412; DE 29709420 U1 19981001; DE 29823946 U1 20000309; DE 59803522 D1 20020502; EE 9900544 A 20000615; EP 0984882 A1 20000315; EP 0984882 B1 20020327; ES 2172897 T3 20021001; HK 1029089 A1 20010323; HU 222102 B1 20030428; HU P0002230 A2 20001128; HU P0002230 A3 20020128; NO 995806 D0 19991126; NO 995806 L 19991126; PL 186655 B1 20040227; PL 337053 A1 20000731; PT 984882 E 20020930; WO 9854042 A1 19981203

DOCDB simple family (application)

US 42399899 A 19991117; AT 98929403 T 19980529; AU 7917498 A 19980529; CA 2291130 A 19980529; CZ 405399 A 19980529; DE 29709420 U 19970530; DE 29823946 U 19980529; DE 59803522 T 19980529; EE P9900544 A 19980529; EP 9803210 W 19980529; EP 98929403 A 19980529; ES 98929403 T 19980529; HK 00105809 A 20000915; HU P0002230 A 19980529; NO 995806 A 19991126; PL 33705398 A 19980529; PT 98929403 T 19980529