

Title (en)

DRIVE AND LOCKING SYSTEM FOR A RAIL SWITCH

Title (de)

ANTRIEBS- UND VERRIEGELUNGSSYSTEM FÜR EINE SCHIENENWEICHE

Title (fr)

SYSTEME D'ENTRAÎNEMENT ET DE VERROUILLAGE POUR UN AIGUILLAGE

Publication

**EP 1883568 B1 20100217 (DE)**

Application

**EP 06763085 A 20060503**

Priority

- EP 2006062022 W 20060503
- AT 9102005 A 20050527

Abstract (en)

[origin: WO2006125716A1] Disclosed is a drive unit comprising a positioning rod (2) which is connected to the switch blades and is movable between two final positions by means of a drive unit (1), e.g. a cylinder-piston arrangement. A mechanical lock (3) is provided that is effective in the final positions of the positioning rod (2). In order to obtain a great degree of safety, the mechanical lock (3) acts directly upon the positioning rod (2) while a catch (4) that is equipped with a separately controllable cylinder-piston arrangement (6) is supplied for said lock (3). The catch (4) blocks a movement of the lock in the direction of the unlocked position when the positioning rod (2) is in a final position.

IPC 8 full level

**B61L 5/10** (2006.01); **B61L 5/04** (2006.01)

CPC (source: EP)

**B61L 5/04** (2013.01); **B61L 5/10** (2013.01)

Cited by

CN109849966A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

HR YU

DOCDB simple family (publication)

**WO 2006125716 A1 20061130**; AT 501894 A4 20061215; AT 501894 B1 20061215; AT E457913 T1 20100315; AU 2006251241 A1 20061130; AU 2006251241 B2 20101125; BR PI0610047 A2 20100525; DE 502006006178 D1 20100401; DK 1883568 T3 20100517; EP 1883568 A1 20080206; EP 1883568 B1 20100217; ES 2341031 T3 20100614; NO 20076512 L 20080226; PL 1883568 T3 20100730; PT 1883568 E 20100317; SI 1883568 T1 20100730

DOCDB simple family (application)

**EP 2006062022 W 20060503**; AT 06763085 T 20060503; AT 9102005 A 20050527; AU 2006251241 A 20060503; BR PI0610047 A 20060503; DE 502006006178 T 20060503; DK 06763085 T 20060503; EP 06763085 A 20060503; ES 06763085 T 20060503; NO 20076512 A 20071219; PL 06763085 T 20060503; PT 06763085 T 20060503; SI 200630656 T 20060503