

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 A1 20080206 (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

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CPC (source: EP)

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Citation (search report)

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