

Title (en)

RAILWAY SWITCH MACHINE WITH ADJUSTABLE STROKE

Title (de)

EISENBAHNWEICHENMASCHINE MIT EINSTELLBAREM HUB

Title (fr)

MACHINE DE COMMUTATION DE VOIE FERRÉE À COURSE RÉGLABLE

Publication

EP 3835168 A1 20210616 (EN)

Application

EP 19306632 A 20191211

Priority

EP 19306632 A 20191211

Abstract (en)

A switch machine (100) for railway applications, comprising a switching rod (10) which is movable along a first axis (101) between a first end-stroke position (A) and a second end-stroke position (B), a drive (30) for actuating the switching rod (10), and a locking assembly (40) for locking the switching rod (10) in the two end-stroke positions. The locking assembly (40) comprises a first locking device (1) and a second locking device (2) which are operatively associated with the switching rod (10) and are configured to lock the switching rod (10) in the first end-stroke position (A) and in the second end-stroke (B) position, respectively. The first locking device (1) comprises at least a first element (43) mounted on a first supporting guide (60) and/or the second locking device (2) comprises at least a second element (44) mounted on a second supporting guide (61). The two supporting guides (60, 61) are mounted releasably on corresponding supports (200, 201) to adjust the mutual position of the first and the second locking devices (1, 2) along said first axis (101).

IPC 8 full level

B61L 5/10 (2006.01)

CPC (source: EP)

B61L 5/10 (2013.01)

Citation (applicant)

US 5620156 A 19970415 - BERGGREN CLARENCE [SE], et al

Citation (search report)

- [A] CH 489666 A 19700430 - KLOECKNER WERKE AG [DE]
- [A] US 2002157561 A1 20021031 - GRUNWALD DIETER [DE], et al
- [A] WO 02055361 A1 20020718 - VAE EISENBAHNSYSTEME GMBH [AT], et al

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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