

Title (en)

A SWITCH MACHINE FOR A RAILROAD SWITCH AND SYSTEM FOR MOVING THE SWITCH POINTS OF A RAILROAD SWITCH EQUIPPED WITH SUCH SWITCH MACHINE

Title (de)

SCHALTMASCHINE FÜR EINE SCHIENENWEICHE UND SYSTEM ZUM VERSCHIEBEN DER SCHALTPUNKTE EINER SCHIENENWEICHE MIT SOLCH EINER SCHALTMASCHINE

Title (fr)

MACHINE D'AIGUILLAGE POUR UN AIGUILLAGE FERROVIAIRE ET SYSTÈME PERMETTANT DE DÉPLACER LES POINTS D'AIGUILLAGE D'UN AIGUILLAGE FERROVIAIRE ÉQUIPÉ D'UNE TELLE MACHINE

Publication

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Application

EP 18174726 A 20180529

Priority

IT 201700059882 A 20170531

Abstract (en)

A switch machine for a railroad switch (1) comprises a movement group (20) engaged to at least a switch point (101,102). The movement group (20), in use, translates along a movement direction (120) in order to displace the, or each, switch point (101,102) between two limit positions. An actuation group (70) is also provided for actuating the translation of the movement group (20) along the movement direction (120), as well as a locking/unlocking group (50) mobile between a locking configuration, in which prevents the above disclosed movement group (20) from translating, and an unlocking configuration, in which it allows the above disclosed movement group to translate. The switch machine (1), furthermore, provides a control group (220) configured to reduce pressure of working fluid up to a predetermined threshold value p^* once a predetermined distance from the above limit positions is reached

IPC 8 full level

B61L 5/04 (2006.01)

CPC (source: EP)

B61L 5/04 (2013.01)

Citation (search report)

- [A] EP 2418135 A1 20120215 - ALSTOM TRANSPORT SA [FR]
- [A] EP 0064249 A1 19821110 - ABEX CORP [US]
- [A] WO 2014024117 A2 20140213 - WEGH GROUP S P A [IT]
- [A] WO 9951480 A1 19991014 - VAE AG [AT], et al
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EP3865371A1; CN114312909A; IT202000002818A1; EP3775375B1

Designated contracting state (EPC)

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BA ME

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