

Title (en)
AN ACTUATION DEVICE FOR ACTUATING RAILROAD SWITCHES

Title (de)
BETÄTIGUNGSVORRICHTUNG FÜR EISENBAHNWEICHEN

Title (fr)
DISPOSITIF D'ACTIONNEMENT POUR AIGUILLAGES FERROVIAIRES

Publication
EP 3594083 A1 20200115 (EN)

Application
EP 19184113 A 20190703

Priority
IT 201800007073 A 20180710

Abstract (en)
A device (1) for manually actuating a railroad switch (100) comprises an operating tie-rod (20) that s able to translate along a translation direction in a first, or second, displacement direction, in order to displace a first and a second switch points (101, 102) between two limit positions. The device (1), furthermore, provides a displacement group (50) for causing the operating tie-rod (20) to translate along the translation direction in the first, or the second movement direction and an actuation member (55), which is operated by an operator for actuating the displacement group (50). The actuation device (1), furthermore, comprises a push element (40) rotatably engaged at a first end portion (41) in such a way to be able to rotate about a first rotation axis (140) orthogonal to the translation direction (120). The push element (40) moves from a first working configuration in which it exerts a pushing force, which opposes the translation of the operating tie-rod (20) from a limit position to an intermediate position, and a second working configuration in which it exerts a pushing force, which, instead, helps the above mentioned translation.

IPC 8 full level
B61L 5/10 (2006.01); **B61L 5/02** (2006.01)

CPC (source: EP)
B61L 5/02 (2013.01); **B61L 5/10** (2013.01)

Citation (applicant)
FR 2905922 A1 20080321 - VOSSLOH COGIFER SA [FR]

Citation (search report)

- [XAYI] FR 2905922 A1 20080321 - VOSSLOH COGIFER SA [FR]
- [Y] GB 224726 A 19241120 - SAMUEL SUMMERSON WRIGHTSON, et al
- [XI] GB 538125 A 19410722 - LLEWELYN WYNN WILLIAMS
- [XI] GB 191003935 A 19100623 - THOMSON HUGH ALEXANDER
- [XI] US 2168790 A 19390808 - BONE HERBERT L

Cited by
CN113859305A

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

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