

Title (en)

Method for releasing a route after cancellation of the route by an interlocking

Title (de)

Verfahren zur Freigabe einer Fahrstrasse nach Rücknahme einer Fahrstrasse durch ein Stellwerk

Title (fr)

Procédé de libération de route après l'annulation de la route par un poste d'aiguillage

Publication

**EP 2216230 A1 20100811 (EN)**

Application

**EP 09001487 A 20090204**

Priority

EP 09001487 A 20090204

Abstract (en)

A method for releasing a route (B-C) after cancellation of the route (B-C) by an interlocking (IL) comprises the following steps: sending a cancellation message (10) from the interlocking (IL) to a radio block center, RBC, for cancelling the route (B-C); checking by the RBC whether or not a train (3) under RBC responsibility is affected by the route cancellation; sending a first confirmation message (11) from the RBC to the interlocking (IL) indicating whether or not a train (3) under RBC responsibility is affected by the route cancellation; and if a train (3) under RBC responsibility is affected by the route cancellation, - sending a command (12) from the RBC to an on-board unit, OBU, of the affected train (3) for shortening a Movement Authority, MA, of the OBU, - after receiving an acknowledgement message (13) from the OBU, sending a second confirmation message (14) from the RBC to the interlocking (IL) for allowing the route release; and - after receiving both the first and second confirmation messages (11, 14), releasing the route (B-C) by the interlocking (IL).

IPC 8 full level

**B61L 27/00** (2006.01); **B61L 21/04** (2006.01)

CPC (source: EP)

**B61L 21/04** (2013.01); **B61L 27/20** (2022.01); **B61L 2027/202** (2022.01)

Citation (search report)

- [X] EP 1752355 A2 20070214 - WESTINGHOUSE BRAKE & SIGNAL [GB]
- [X] "ETCS - System Requirements Specification (SRS) - Chapter 2 General Description", UIC/ETCS SPECIFICATION, UIC/A200, vol. Version 03.01, 9 August 1996 (1996-08-09), XP002276769 & "ETCS - System Requirements Specification (SRS) - Chapter 6: Radio Block Centre", UIC/ETCS SPECIFICATION, UIC/A200, vol. Version 03.01, 9 August 1996 (1996-08-09), pages 6 - 1, XP009120697

Cited by

CN108683634A; EP3109127A1; CN114379621A; CN106553665A; CN113830139A; CN109278805A; CN105599786A; CN108189863A; US2013218375A1; US9139210B2; GB2512901A; JP2015024714A; AU2014253069B2; WO2014114485A3; WO2014167067A3; EP2983960B1

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