

Title (en)

TRAIN MOVEMENT AUTHORIZATION CONTROLLING METHOD

Title (de)

ZUGBEWEGUNGAUTORISIERUNGSSTEUERUNGSVERFAHREN

Title (fr)

PROCÉDÉ DE COMMANDE D'AUTORISATION DE MOUVEMENT D'UN TRAIN

Publication

EP 3636514 A1 20200415 (EN)

Application

EP 18869040 A 20180508

Priority

- CN 201710983669 A 20171020
- CN 2018085945 W 20180508

Abstract (en)

The present disclosure provides a method for performing mobile authorization control on a train, comprising: sending, by a radio blocking center (RBC), a conditional emergency stop (CEM) message to the train according to an occupancy situation of a block section, judging, by the train, whether or not a current position of the train passes a position of an emergency stop point based on the message, and determining whether or not to execute the CEM message. The present disclosure can avoid a situation that the train stops by emergency brake, in a case where the train has a higher running speed or a greater position report interval.

IPC 8 full level

B61L 27/00 (2006.01); **B61L 23/16** (2006.01); **B61L 25/02** (2006.01)

CPC (source: CN EP)

B61L 15/0062 (2024.01 - EP); **B61L 23/14** (2013.01 - EP); **B61L 25/021** (2013.01 - EP); **B61L 25/025** (2013.01 - EP); **B61L 27/00** (2013.01 - CN); **B61L 27/20** (2022.01 - EP); **B61L 2027/202** (2022.01 - EP)

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)

EP 3636514 A1 20200415; **EP 3636514 A4 20200812**; CN 107914739 A 20180417; CN 107914739 B 20190726; WO 2019076031 A1 20190425

DOCDB simple family (application)

EP 18869040 A 20180508; CN 201710983669 A 20171020; CN 2018085945 W 20180508