

Title (en)

IMPROVED AUTOMATIC TRAIN CONTROL SYSTEM AND ASSOCIATED METHOD

Title (de)

VERBESSERTES SYSTEM ZUR AUTOMATISCHEN KONTROLLE VON ZÜGEN, UND ENTSPRECHENDES VERFAHREN

Title (fr)

SYSTÈME AMÉLIORÉ DE CONTRÔLE AUTOMATIQUE DES TRAINS ET PROCÉDÉ ASSOCIÉ

Publication

EP 3395642 B1 20220209 (FR)

Application

EP 18169752 A 20180427

Priority

FR 1753686 A 20170427

Abstract (en)

[origin: US2018312182A1] This system includes a ground ATC and an on board ATC, which is switched from an "active" mode toward a "standby" mode and vice versa by a wake-up unit. In the "standby" mode, only the following components remain powered: odometry device; a main computer; a radio communication device between the on board ATC and the ground ATC; the wake-up unit. The main computer is programmed so as, in the "standby" mode, to verify that the movement of the train measured by the odometry device from the switching from the "active" mode to the "standby" mode is zero and, in the affirmative, to send the ground ATC an instantaneous position of the train using the radio communication device.

IPC 8 full level

B61L 15/00 (2006.01); **B61L 25/02** (2006.01); **B61L 27/00** (2022.01)

CPC (source: CN EP US)

B61L 15/0027 (2013.01 - EP US); **B61L 15/0058** (2024.01 - US); **B61L 15/0062** (2024.01 - US); **B61L 15/0063** (2013.01 - EP US); **B61L 25/021** (2013.01 - EP US); **B61L 25/026** (2013.01 - EP US); **B61L 27/04** (2013.01 - CN US); **B61L 27/16** (2022.01 - US); **B61L 27/20** (2022.01 - CN EP US); **B61L 15/0054** (2013.01 - EP US); **B61L 25/025** (2013.01 - EP US); **B61L 2027/204** (2022.01 - CN EP US)

Citation (examination)

CN 106314485 A 20170111 - ZHEJIANG ZHONGHE SCIENCE & TECH CO LTD

Cited by

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DOCDB simple family (publication)

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