

Title (en)

METHOD AND DEVICE FOR MONITORING TRAIN INTEGRITY

Title (de)

VERFAHREN UND VORRICHTUNG ZUR ÜBERWACHUNG DER ZUGVOLLSTÄNDIGKEIT

Title (fr)

PROCÉDÉ ET DISPOSITIF DE CONTRÔLE DE L'INTÉGRITÉ D'UN TRAIN

Publication

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Application

**EP 11702420 A 20110127**

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Abstract (en)

[origin: WO2011095429A1] The invention relates to a method and device for monitoring train integrity wherein train integrity modules - TIM - (2.1 to 2.4) arranged in at least one part of the cars (6.1 to 6.5) of the train (3) recognize shunting regions (1.1 to 1.3) in accordance with a digital card, the TIM (2.1 to 2.4) exchange data upon exiting a first shunting region (1.1 to 1.3) in a calibration phase and, based on predefined data stability criteria, recognize the affiliation thereof to the exiting train (3) and the TIM (2.1 to 2.4) cyclically exchange sensor data, in particular in respect of velocity (4), position and travel direction, until entry into a second shunting region (1.1 to 1.3), wherein the TIM (2.1 to 2.4) recognize a train separation on the basis of predefined logic criteria and optionally transmit the sensor data to an operating control center as applicable.

IPC 8 full level

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CPC (source: EP US)

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Cited by

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