

Title (en)

System and method of verifying the integrity of a train

Title (de)

System und Verfahren zur Überprüfung der Zugvollständigkeit

Title (fr)

Système et procédé de vérification de l'intégrité d'un train

Publication

EP 1832493 B1 20081231 (FR)

Application

EP 07290264 A 20070302

Priority

FR 0602102 A 20060309

Abstract (en)

[origin: EP1832493A1] The system has a communication unit (7) communicating with a detection unit (4) of a short railway circuit (3). The unit (4) detects presence/absence of the train on the circuit (3). A calculation unit (9) calculates the distance traveled by the train between an instant in which the train holds the circuit (3) and an instant in which the train releases the circuit (3). The distance is expressed in the form of a confidence interval so that the probability that the train has not traveled a distance included in the interval is lower than probability compatible with standard railway safety. An independent claim is also included for a method of verifying an integrity of a train of a determined length.

IPC 8 full level

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