

Title (en)

Onboard railway safety system

Title (de)

Sicherheitssystem auf einem Eisenbahnfahrzeug

Title (fr)

Système de sécurité embarqué sur un véhicule ferroviaire

Publication

**EP 1659046 A1 20060524 (FR)**

Application

**EP 05292208 A 20051020**

Priority

FR 0412392 A 20041122

Abstract (en)

The system has a European vital computer (1) connected to specific transmission modules (STM) (2-4). The modules have automatic train protection equipments (11, 12) controlled by controlling units (10). The units (10) have bidirectional communication units (15) to receive control commands from the computer, and calculation units (16) to transform the received commands into commands adapted to control each equipment.

IPC 8 full level

**B61L 27/00** (2006.01); **B61L 15/00** (2006.01)

CPC (source: EP)

**B61L 15/0036** (2013.01); **B61L 27/20** (2022.01); **B61L 2027/202** (2022.01)

Citation (search report)

[X] PIGNAL, O.; THOUVENOT, H.: "La base d'essais France pour ERTMS", REVUE GÉNÉRALE DES CHEMINS DE FER, December 2003 (2003-12-01), pages 37 - 42, XP002334762

Cited by

FR2905104A1; US10214226B2; WO2016165935A1

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