

Title (en)  
METHOD AND DEVICE FOR A MODULAR ADAPTIVE SYSTEM FOR CONTROLLING AND MONITORING RAILWAY SAFETY INSTALLATIONS

Title (de)  
VERFAHREN UND EINRICHTUNG FÜR EIN MODULARES ADAPTIVES SYSTEM ZUR STEUERUNG UND ÜBERWACHUNG VON BAHNSICHERUNGSANLAGEN

Title (fr)  
PROCÉDÉ ET DISPOSITIF DESTINÉS À UN SYSTÈME ADAPTATIF MODULAIRE DE COMMANDE ET DE CONTRÔLE D'INSTALLATIONS DE SÉCURISATION DE CHEMIN DE FER

Publication  
**EP 2057056 A2 20090513 (DE)**

Application  
**EP 07801440 A 20070720**

Priority  

- EP 2007006493 W 20070720
- EP 06017959 A 20060829
- EP 07801440 A 20070720

Abstract (en)  
[origin: WO2008025414A2] The invention relates to a method and a system for controlling and/or monitoring rail-borne vehicles, comprising: a) at least one signal cabin provided with a signal box computer, b) at least one component arranged along the track in the region of the rails, for the safety of the train, especially a signal, a marker, a loop cable, a leakage flux cable, and an axle counter, c) at least one component arranged along the track in the region of the rails, for adjusting the track, especially a point comprising a point drive, d) at least one decentralised adjusting part for adjusting the components for the safety of the train and the components for adjusting the track. The invention is characterised in that the components for train safety and the components for adjusting the track by means of the decentralised adjustment part associated therewith are coupled to the signal cabin computer by means of a data bus, and safety information is transmitted to the signal box computer or obtained therefrom according to a pre-determined protocol. A feeding bus which is logically decoupled from the signal box computer is provided for electrically feeding at least some of said components.

IPC 8 full level  
**B61L 27/00** (2006.01); **B61L 1/16** (2006.01); **B61L 21/04** (2006.01)

CPC (source: EP)  
**B61L 1/162** (2013.01); **B61L 21/04** (2013.01); **B61L 27/20** (2022.01)

Citation (search report)  
See references of WO 2008025414A2

Cited by  
AT16035U1; EA034028B1; US10875554B2; WO2017186886A1; EP2253524A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK RS

DOCDB simple family (publication)  
**WO 2008025414 A2 20080306; WO 2008025414 A3 20080410**; EP 2057056 A2 20090513; EP 2057056 B1 20161102; HU E031279 T2 20170628

DOCDB simple family (application)  
**EP 2007006493 W 20070720**; EP 07801440 A 20070720; HU E07801440 A 20070720