

Title (en)
On-board computer system for train management

Title (de)
IT-Bordsystem zur Steuerung eines Zugs

Title (fr)
Système informatique embarqué de gestion d'un train

Publication
EP 2133256 B1 20180808 (FR)

Application
EP 09162393 A 20090610

Priority
FR 0853909 A 20080612

Abstract (en)
[origin: EP2133256A1] The system (10) has central computers (16) for managing a train or rail transit car (12), and remote input-output modules (20) connected to a multipurpose vehicle bus network (14). Electronic controlling, commanding and monitoring equipments produce information for managing the train or rail transit car. Display units (18) process and display information produced by electronic automatic train control equipments (30) and video monitoring equipments i.e. CCTVs (36), with the information produced by the computers and the electronic controlling, commanding and monitoring equipments.

IPC 8 full level
B61L 15/00 (2006.01)

CPC (source: EP US)
B61L 15/0036 (2013.01 - EP US); **B61L 15/0072** (2013.01 - EP US)

Cited by
EP2712785A1; EP2572956A4; IL275286B1; EP2682324A4; WO2019175144A1; US11606433B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 2133256 A1 20091216; EP 2133256 B1 20180808; CN 101602371 A 20091216; ES 2694032 T3 20181217; FR 2932447 A1 20091218; FR 2932447 B1 20160930; SG 158031 A1 20100129; US 2010004805 A1 20100107; US 8712611 B2 20140429

DOCDB simple family (application)
EP 09162393 A 20090610; CN 200910203753 A 20090612; ES 09162393 T 20090610; FR 0853909 A 20080612; SG 2009040031 A 20090611; US 48302309 A 20090611