

Title (en)

Train control system

Title (de)

Zugsteuersystem

Title (fr)

Système de commande de train

Publication

EP 2792573 A2 20141022 (EN)

Application

EP 14161797 A 20140326

Priority

JP 2013084456 A 20130415

Abstract (en)

Wireless communication is provided between moving bodies in a signaling system of the moving body traveling on a predetermined track such as a railway. By providing communication between multiple onboard control equipments, one control equipment conducts wireless communication with a base station while the other conducts wireless communication with a further onboard control equipment on another train to which the first train is coupled. Without installing a transmission cable between the coupled trains, the train control system is capable of reducing facility costs and improving of operability.

IPC 8 full level

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

CPC (source: BR EP)

B61L 15/0018 (2013.01 - BR EP); **B61L 15/0027** (2013.01 - EP); **B61L 15/0063** (2013.01 - EP); **B61L 27/70** (2022.01 - EP);
B61L 15/0027 (2013.01 - BR); **B61L 15/0063** (2013.01 - BR)

Citation (applicant)

JP 2006240490 A 20060914 - HIGASHI NIPPON RYOKAKU TETSUDO

Cited by

CN109435936A; EP3875343A3; US10919392B2; US10967888B2

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2792573 A2 20141022; **EP 2792573 A3 20170412**; **EP 2792573 B1 20200212**; BR 102014008488 A2 20150106;
BR 102014008488 B1 20211123; CN 104097645 A 20141015; CN 104097645 B 20160907; JP 2014207792 A 20141030;
JP 6051092 B2 20161227; SG 10201401152R A 20141127

DOCDB simple family (application)

EP 14161797 A 20140326; BR 102014008488 A 20140408; CN 201410144292 A 20140411; JP 2013084456 A 20130415;
SG 10201401152R A 20140401