

Title (en)  
ONBOARD TRAIN CONTROL DEVICE

Title (de)  
ZUGSTEUERVORRICHTUNG

Title (fr)  
DISPOSITIF DE COMMANDE DE TRAIN

Publication  
**EP 2571742 A2 20130327 (EN)**

Application  
**EP 09747013 A 20090519**

Priority  
• US 12767508 P 20080515  
• US 2009003074 W 20090519

Abstract (en)  
[origin: WO2009139927A2] A method and an apparatus for an on-board train control device are provided, and are based on converting speed codes received from wayside cab-signaling devices into movement authority limits. The device determines the train location independent of the wayside train detection system, and generates and enforces stopping profiles based on said movement authority limits.

IPC 8 full level  
**B61L 3/00** (2006.01); **B61L 3/22** (2006.01); **B61L 27/00** (2006.01)

CPC (source: EP)  
**B61L 3/221** (2013.01); **B61L 27/20** (2022.01); **B61L 27/37** (2022.01); **B61L 2027/204** (2022.01)

Cited by  
CN110198881A; US11814088B2; US9290191B2; US11952028B2; US11700075B2; US11965952B2; US11780481B2; US12122436B2

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)  
**WO 2009139927 A2 20091119; WO 2009139927 A3 20100128**; AU 2009246873 A1 20110901; AU 2009246873 B2 20140710;  
CA 2739973 A1 20091119; CA 2739973 C 20171017; EP 2571742 A2 20130327; EP 2571742 A4 20131120; EP 2571742 B1 20160224;  
RU 2011113700 A 20121210; RU 2536007 C2 20141220

DOCDB simple family (application)  
**US 2009003074 W 20090519**; AU 2009246873 A 20090519; CA 2739973 A 20090519; EP 09747013 A 20090519; RU 2011113700 A 20090519