

Title (en)  
USING WAYSIDE SIGNALS TO OPTIMIZE TRAIN DRIVING UNDER AN OVERARCHING RAILWAY NETWORK SAFETY SYSTEM

Title (de)  
VERWENDUNG BAHNSEITIGER SIGNALE ZUR OPTIMIERUNG EINER ZUGFAHRT IN EINEM ÜBERGEORDNETES  
EISENBAHNNETZSICHERHEITSSYSTEM

Title (fr)  
UTILISATION DE SIGNAUX EN BORDURE DE VOIE POUR OPTIMISER LA CONDUITE DE TRAIN DANS UN SYSTÈME DE SÉCURITÉ DE  
RÉSEAU FERROVIAIRE TRÈS IMPORTANT

Publication  
**EP 3055183 A4 20170920 (EN)**

Application  
**EP 13895180 A 20131010**

Priority  
US 2013064312 W 20131010

Abstract (en)  
[origin: WO2015053777A1] Disclosed embodiments provide a system and methodologies that provide an optimized train driving strategy using  
wayside signaling while conforming to the requirements of a wayside track safety system, e.g., the "Automatic Train Protection" (ATP) System.

IPC 8 full level  
**B61L 25/02** (2006.01); **B60T 7/12** (2006.01); **B61L 3/00** (2006.01); **B61L 15/00** (2006.01); **B61L 27/00** (2006.01)

CPC (source: EP RU)  
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**B61L 15/0058** (2024.01 - EP); **B61L 15/0062** (2024.01 - EP); **B61L 25/02** (2013.01 - RU); **B61L 25/025** (2013.01 - EP);  
**B61L 27/16** (2022.01 - EP); **B61L 27/20** (2022.01 - EP)

Citation (search report)  
• [XII] US 2008315044 A1 20081225 - STULL CRAIG ALAN [US], et al  
• [XII] US 7395141 B1 20080701 - SECK DARYL WILLIAM [US], et al  
• See references of WO 2015053777A1

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

DOCDB simple family (publication)  
**WO 2015053777 A1 20150416**; AU 2013402447 A1 20160414; AU 2013402447 B2 20170511; BR 112016007459 A2 20170801;  
BR 112016007459 B1 20220503; CN 105636854 A 20160601; CN 105636854 B 20170426; EP 3055183 A1 20160817;  
EP 3055183 A4 20170920; MX 2016004081 A 20161207; RU 2016109265 A 20171115; RU 2644069 C2 20180207; ZA 201601844 B 20170531

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**US 2013064312 W 20131010**; AU 2013402447 A 20131010; BR 112016007459 A 20131010; CN 201380080128 A 20131010;  
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