

Title (en)  
Automatic train control

Title (de)  
Zugbeeinflussungssystem

Title (fr)  
Système de commande et contrôle des trains

Publication  
**EP 1897781 A3 20081029 (DE)**

Application  
**EP 07114493 A 20070817**

Priority  
DE 102006041502 A 20060831

Abstract (en)  
[origin: EP1897781A2] Claimed is a locomotive rail traffic system based upon the ERTMS European Rail Traffic Management System and ETCS European Train Control System Level 2 with an RBC Radio Block Centre and linked to a signal box. The locomotive rail traffic system directs locomotives along selected routes using a permanent GSM-R Global System for Mobile Communication-Railways radio net between the RBC and locomotives. The RBC has a route information server with a number of client stations depicting train times. The server is linked to the signal box. The GSM-R modules have radio links to the locomotives.

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

CPC (source: EP)  
**B61L 27/20** (2022.01); **B61L 27/70** (2022.01); **B61L 2027/202** (2022.01); **B61L 2205/02** (2013.01)

Citation (search report)

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- [A] WO 0009380 A2 20000224 - UNION SWITCH & SIGNAL INC [US]
- [A] D. KENDELBACHER, F. STEIN: "Ein Kommunikationsbasissystem für ETCS (Teil 1)", SIGNAL + DRAHT, no. 94, June 2002 (2002-06-01), pages 6 - 11, XP002495555

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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)  
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