Title (en)
RAIL CAR TRACKING SYSTEM

Title (de)
SYSTEM ZUM VERFOLGEN VON SCHIENENFAHRZEUGEN

Title (fr)
SYSTEME DE SUIVI D'UN VEHICULE DE CHEMIN DE FER

Publication
EP 1723021 B1 20080827 (EN)

Application
EP 05713989 A 20050224

Priority
• US 2005005780 W 20050224
• US 54751304 P 20040224

Abstract (en)
[origin: WO2005082696A1] A method and system for tracking a rail car (22) having an on-board communication system (12) including a location determining system (24, 33) and a transceiver (26) for receiving and transmitting rail car data. The communication system including a processor (28) responsive to an executable program for enabling operation of the transceiver (26) to transmit rail car data during a reporting event and having a memory for storing data and instructions. The processor (28) memory includes a remotely addressable software database accessible by the executable program for establishing a reporting event in response to at least one of a selected time, a change in geographical location, an extended time in a geographical location, an approach to a specified geographical location, a coupling/decoupling of the rail car with a particular locomotive and a command to report. The rail car (22) includes an AEI reader (33) attached to the rail car for reading AEI tags (33) on other rail vehicles passing by the reader, the reader being in communication with the rail car message system (12) for transmitting data indicating at least a location of the other rail vehicles.

IPC 8 full level
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Cited by
RU2673315C1; RU2672348C1; RU2725575C1; RU2622524C1; US10399642B2; US11584483B2; US10435118B2; US10953956B2; US8282972B2; US8715756B2; US8403718B2; US8702460B2

Designated contracting state (EPC)
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