

Title (en)

Communication and control system for railbound vehicles

Title (de)

Kommunikations- und Steuerungsanlage für Schienenfahrzeuge

Title (fr)

Système de communication et de commande pour véhicules ferroviaires

Publication

EP 1067036 A1 20010110 (EN)

Application

EP 00250224 A 20000706

Priority

SE 9902577 A 19990706

Abstract (en)

The present invention relates to a communication and control system for rail bound vehicles with one communication link called train bus (1), for transfer of information to and from the vehicles in a train, and at least one vehicle bus (2), for transfer of information within a vehicle or fixed set of vehicles. The vehicle bus works as a subsystem to the train bus and connects a number of functional units (5-9) in series. The vehicle bus comprises at least two segments (2a, 2b). In normal operation the segments work as a single communication link, but if a fault occurs the segment with the fault is disconnected, and the functional units connected to the disconnected segment take on a predetermined mode. <IMAGE> <IMAGE> <IMAGE>

IPC 1-7

B61L 15/00; G06F 11/20

IPC 8 full level

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B61L 15/0036 (2013.01)

Citation (search report)

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- [Y] WO 9113504 A1 19910905 - UNIV STRATHCLYDE [GB]
- [A] PATENT ABSTRACTS OF JAPAN vol. 016, no. 067 (E - 1168) 19 February 1992 (1992-02-19)

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CN102350998A; EP3822146A1; CN104603802A; CN102320318A; CN102358337A

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