

Title (en)

Automatic railway vehicle operation.

Title (de)

Automatischer Eisenbahn-Fahrzeugbetrieb.

Title (fr)

Opération automatique de véhicule de train.

Publication

EP 0233017 A2 19870819 (EN)

Application

EP 87300788 A 19870129

Priority

GB 8602509 A 19860201

Abstract (en)

There is disclosed an automatic driving system for a railway vehicle. In a permanent way, there is means for substantially continuously communicating to a vehicle signalling information which concerns safety of movement. At a station, there is means (39, 32, 35) for periodically supplying a vehicle with static information (such as gradients, distances between stops and target arrival times) concerning efficient operation of the vehicle. On each vehicle there are: means (2) for receiving the signalling information; means (14) for receiving and means (20) for storing the static information; and means (4) for measuring the speed of the vehicle and distance it has travelled; and control means (8) capable of producing control outputs (10, 9) to operate the brakes and the motors of the vehicle in accordance with inputs produced in response to the stored static information and the received signalling information.

IPC 1-7

B61L 27/04

IPC 8 full level

B60L 15/40 (2006.01); **B61L 3/00** (2006.01); **B61L 27/04** (2006.01)

CPC (source: EP KR)

B61L 15/0062 (2024.01 - EP KR); **B61L 25/021** (2013.01 - KR)

Cited by

US2012029740A1; EP0691912A4; EP0369373A1; FR2639306A1; US5074499A

Designated contracting state (EPC)

AT DE ES FR GR IT SE

DOCDB simple family (publication)

EP 0233017 A2 19870819; **EP 0233017 A3 19881228**; **EP 0233017 B1 19930915**; AT E94490 T1 19931015; AU 599073 B2 19900712; AU 6814287 A 19870806; DE 3787383 D1 19931021; DE 3787383 T2 19940421; ES 2042546 T3 19931216; GB 2186725 A 19870819; GB 2186725 B 19891101; GB 8602509 D0 19860305; GB 8702287 D0 19870311; HK 105591 A 19920103; JP S62254607 A 19871106; KR 870007797 A 19870921; KR 940008239 B1 19940909; NZ 219066 A 19890927

DOCDB simple family (application)

EP 87300788 A 19870129; AT 87300788 T 19870129; AU 6814287 A 19870130; DE 3787383 T 19870129; ES 87300788 T 19870129; GB 8602509 A 19860201; GB 8702287 A 19870202; HK 105591 A 19911223; JP 2227087 A 19870202; KR 870000742 A 19870130; NZ 21906687 A 19870127