

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.

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Cited by
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