

Title (en)  
ARRANGEMENT FOR TRANSMITTING A TRANSMISSION SIGNAL FROM A TRANSMITTER TO A RAILWAY VEHICLE IN ORDER FOR LOCALIZATION AND TRANSMISSION OF INFORMATION

Title (de)  
ANORDNUNG ZUM ÜBERTRAGEN EINES SENDESIGNALS VON EINEM SENDER ZU EINEM SCHIENENFAHRZEUG ZUR ORTUNG UND INFORMATIONÜBERMITTLUNG

Title (fr)  
AGENCEMENT POUR TRANSMETTRE UN SIGNAL D'EMISSION D'UN EMETTEUR A UN VEHICULE SUR RAILS POUR LA LOCALISATION ET LA TRANSMISSION D'INFORMATIONS

Publication  
**EP 1077859 B1 20020320 (DE)**

Application  
**EP 99932666 A 19990505**

Priority  
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Abstract (en)  
[origin: US6402094B1] An arrangement for transmitting a signal from a transmitter to a rail vehicle located on a segment of a track for position finding and information transmission is described. The transmitter is connected to a track conductor having crossing points installed in the track segment. The rail vehicle has a receiver unit which receives the transmitted signal and monitors it for phase jumps occurring during passage through the crossing points of vehicle. In order to achieve a particularly low-interference location finding, an occupancy sensor is installed at a point of entry of the track segment, which detects the entry of the rail vehicle into the track segment and generates an occupancy signal indicating the occupancy of the track segment. A switchover device assigned to the transmitter is connected to the occupancy sensor and activates the transmitter so that it transmits an unmodulated signal upon receiving the occupancy signal and transmits a modulated signal after a predefined time period thereafter has elapsed.

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IPC 8 full level  
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