

Title (en)

System for acquiring and transmitting information to central points

Title (de)

System zum Erfassen und Übertragen von Informationen an zentrale Stellen

Title (fr)

Système pour acquérir et transmettre des informations à un point central

Publication

EP 0736981 A2 19961009 (DE)

Application

EP 96105001 A 19960328

Priority

DE 19512494 A 19950404

Abstract (en)

The system includes information detectors placed at specific positions along a travel path and connected to a transmitter-receiver. The detectors transmit information in a predetermined time frame to a central receiver for preparation and broadcasting. The transceivers transmit data of the information detectors individually in a bucket chain cycle. Each message telegram relayed to the next station is expanded by the message segment belonging to the station which is relaying the message telegram. Operation of vehicle components, e.g. air bags, belt sensors, and indicators may lead to the sending of a telegram to the fixed transmitter-receiver. Alternatively, sensors in a vehicle, e.g. for speed, rpm, ignition on etc., may be collected to determine a driving state. The status signal is transmitted to the fixed transmitter-receiver and then passed on to a central station for evaluation together with information on other vehicles.

Abstract (de)

An bestimmten Stellen eines Fahrweges sind Informationserfasser angeordnet, die an Sender angeschlossen sind. Diese senden die Informationen in einem vorbestimmten Zeitraster an einen zentralen Empfänger mit nachfolgenden Funkeinrichtungen zur Aufbereitung und Verbreitung. <IMAGE>

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