

Title (en)
Route-selective reproduction method for digitally coded messages transmitted from a transmitter to a vehicle receiver, and corresponding vehicle receiver

Title (de)
Verfahren zur fahrtroutenselektiven Wiedergabe digital codierter, von einem Sender zu einem Fahrzeugempfänger übertragener Verkehrsnachrichten sowie Fahrzeugempfänger

Title (fr)
Méthode de reproduction sélective suivant l'itinéraire de messages numériques routiers transmis d'un émetteur vers un récepteur pour véhicule ainsi que récepteur pour véhicule

Publication
EP 0412286 B1 19960327 (DE)

Application
EP 90112540 A 19900630

Priority
DE 3926180 A 19890808

Abstract (en)
[origin: EP0412286A2] In a route-selective reproduction method for digitally coded traffic messages transmitted from a transmitter to a vehicle receiver, the only traffic messages which are to be sent to the driver are those which are relevant to his route. The route can be identified by means of transit time measurements of the receivable transmitters. The hyperbolic position-finding known for this purpose requires high computing expenditure on the receiver side. It is proposed according to the invention to store a coordinate grid in the receiver with transit time values of the synchronised transmitters which can be received in a given area and, by comparison of the measured transit time values with stored transit time values, to select the coordinates of the nearest transit time values in the coordinate grid as the vehicle location.

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IPC 8 full level
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CPC (source: EP)
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Cited by
GB2346244A; JP2004503886A; WO0197195A1; WO9841959A1; WO0237444A1; WO9912138A1; EP2903188A1; DE102014201602A1

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