Title (en)

COMMUNICATION METHOD COMPRISING A SERVER AND A PLURALITY OF ON-BOARD UNITS AND ON-BOARD UNIT

Title (de)

KOMMUNIKATIONSVERFAHREN MIT EINEM SERVER UND EINER VIELZAHL VON BORDEINHEITEN UND BORDEINHEIT

Title (fr)

PROCÉDÉ DE COMMUNICATION COMPRENANT UN SERVEUR ET UNE PLURALITÉ D'UNITÉS EMBARQUÉES ET UNITÉ EMBARQUÉE

Publication

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Application

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Priority

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Abstract (en)

The invention is concerned with a method of communication between a server (10) on one side and a plurality of On-Board-Units (20), OBUs, on the other side for use in the automotive field, wherein each OBU (20) is being installed in a different vehicle (30) and identified by a unique Serial Number, and wherein the communication is taking place within a mobile communication system. The invention is characterized in that the communication between each OBU (20) and the server (10) takes place over an HTTP connection based on a specific format of communication messages comprising mandatory and optional parameters defined by the server (10), and wherein at least the following steps are performed: for the communication to take place, one or several messages of request $Request_i$ are repetitively made at a preconfigured time by the OBU (20) to the server (10) when the OBU (20) is in an activated state and specific messages of response $Response_i$ triggered by the server (10) are sent to the OBU (20).

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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