

Title (en)

METHOD FOR PROVIDING A MANOEUVRE MESSAGE FOR COORDINATING A MANOEUVRE BETWEEN A ROAD USER AND AT LEAST ONE OTHER ROAD USER IN A COMMUNICATIONS NETWORK

Title (de)

VERFAHREN ZUM BEREITSTELLEN EINER MANÖVERNACHRICHT ZUM KOORDINIEREN EINES MANÖVERS ZWISCHEN EINEM VERKEHRSTEILNEHMER UND MINDESTENS EINEM WEITEREN VERKEHRSTEILNEHMER IN EINEM KOMMUNIKATIONSNETZWERK

Title (fr)

PROCÉDÉ DE FOURNITURE D'UN MESSAGE DE MANOEUVRE POUR COORDONNER UNE MANOEUVRE ENTRE UN USAGER DE LA ROUTE ET AU MOINS UN AUTRE USAGER DE LA ROUTE DANS UN RÉSEAU DE COMMUNICATION

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Application

EP 20781348 A 20200925

Priority

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Abstract (en)

[origin: WO2021089238A1] The invention relates to a method (200) for providing a manoeuvre message (120) for coordinating a manoeuvre between a road user (100) and at least one other road user (116, 118) in a communications network. The road user and the at least one other road user are linked to one another via the communications network. The road user comprises an evaluation unit (102) for the evaluation of communication data received via the communications network and/or sensor data (106) generated by a sensor system (104) for detecting an environment of the road user and for the transmission of manoeuvre messages via the communications network. The method comprises the following steps: receiving (210) the communication data and/or the sensor data in the evaluation unit; determining (230) at least one possible trajectory (300, 301, 302) of the road user based on the communication data and/or the sensor data, wherein at least one trajectory parameter (formula) describing the possible trajectory is determined; calculating (240) a trajectory transmission priority (pt) from the trajectory parameter, wherein the trajectory transmission priority represents a relevance of the at least one possible trajectory for the road user and/or the other road user; based on the trajectory transmission priority, determining (250) whether the at least one possible trajectory should be included in a manoeuvre message; and if so, generating (260a) the manoeuvre message with the at least one possible trajectory and sending the manoeuvre message via the communications network.

IPC 8 full level

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CPC (source: CN EP KR US)

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Citation (search report)

See references of WO 2021089238A1

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