

Title (en)

DETERMINATION OF AN OPTIMUM SPEED FOR A MOTOR VEHICLE APPROACHING A TRAFFIC LIGHT

Title (de)

BESTIMMUNG EINER OPTIMALEN GESCHWINDIGKEIT FÜR EIN SICH EINER VERKEHRSSAMPEL NÄHERNDEN KRAFTFAHRZEUGS

Title (fr)

DÉTERMINATION D'UNE VITESSE OPTIMALE POUR UN VÉHICULE AUTOMOBILE APPROCHANT D'UN FEU TRICOLE

Publication

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Application

EP 15820438 A 20151008

Priority

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Abstract (en)

[origin: WO2016055589A2] The invention relates to a method for determining an optimum speed (VOPT) to be adopted by a motor vehicle (1) when said motor vehicle (1) is approaching a traffic light (2). According to said method a first GLOSA-type on-board system (10) determines, upon receiving a message emitted by said traffic light (2), a total distance (DTL) of travel separating the motor vehicle (1) from the traffic light (2), then estimates the time necessary for the motor vehicle (1) to travel said total distance (DTL), and finally defines a recommended speed (VQ) based on the status of the traffic light (2) at the end of the estimated time. The method is characterised in that it also uses at least one speed limitation produced via a second system (12; 13) on board said motor vehicle such as to determine said recommended speed (VQ) and/or said optimum speed (VQPT).

IPC 8 full level

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Citation (search report)

See references of WO 2016055589A2

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