

Title (en)

METHOD AND SYSTEM FOR PROVIDING MAP AND SPAT MESSAGES FOR A NEWLY ESTABLISHED SET OF AT LEAST ONE TRAFFIC LIGHT

Title (de)

VERFAHREN UND SYSTEM ZUM BEREITSTELLEN VON KARTEN- UND SPAT-NACHRICHTEN FÜR EINEN NEU EINGERICHTETEN SATZ VON MINDESTENS EINER AMPEL

Title (fr)

PROCÉDÉ ET SYSTÈME POUR FOURNIR DES MESSAGES MAP ET SPAT POUR UN ENSEMBLE NOUVELLEMENT ÉTABLI D'AU MOINS UN FEU DE CIRCULATION

Publication

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Application

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Priority

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Abstract (en)

[origin: EP3905218A1] The invention relates to a method for providing MAP and SPaT messages (15,16) for a newly established set (2) of at least one traffic light (3), wherein a position (13) of each of the at least one traffic light (3) within the set (2) is determined by a global positioning system (7), wherein the determined positions (13) are assigned to corresponding traffic lanes of at least one street in a digital street map by a processing device (5), wherein a MAP message (15) is generated based on the digital street map, wherein the generated MAP message (15) comprises the assignments, wherein at least one SPaT message (16) is generated based on a traffic light phase plan (20) of the at least one traffic light (3) or at least one SPaT message (16) is generated based on the information of the current phase of the at least one traffic light (3), and wherein the generated MAP and SPaT messages (15,16) are broadcasted by the set (2) of the at least one traffic light (3). Further, the invention relates to a corresponding system (1), a traffic light (3), and a backend server (4).

IPC 8 full level

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