

Title (en)
METHOD FOR VERIFYING THE PLAUSIBILITY OF GNSS POSITION SIGNALS

Title (de)
VERFAHREN ZUM PLAUSIBILISIEREN VON GNSS POSITIONSSIGNALEN

Title (fr)
PROCÉDÉ POUR PLAUSIBILISER DES SIGNAUX DE POSITION GNSS

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Application
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Abstract (en)
[origin: WO2015193453A2] The invention relates to different methods for verifying the plausibility of GNSS position signals, including a method for verifying the plausibility of position signals (112, 14f) of a global satellite navigation system (100) in a vehicle (1), said navigation system comprising at least one detection system (2) for detecting objects (64, 66, 70, 72, 67) in the surroundings of the vehicle (1) as well as a reception device (10) for receiving the position signals (112, 14f), said method involving the steps of: - having the reception device (10) receive the position signals (112, 14f), and determining the actual position of the vehicle (1) on the basis of the position signals (112, 14f); - having the detection system (2) detect at least one object (64, 66, 70, 72, 67) in the surroundings, and determining the position of the object (64, 66, 70, 72, 67); - verifying the plausibility of the position signals (112, 14f) by comparing at least one position of an object (64, 66, 70, 72, 67) with the actual position of the vehicle (1).

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