

Title (en)
METHOD AND MODULE PERTAINING TO CRUISE CONTROL

Title (de)
GESCHWINDIGKEITSREGELUNGSVERFAHREN UND -MODUL

Title (fr)
PROCÉDÉ ET MODULE LIÉS AU LIMITEUR DE VITESSE

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Application
EP 11766238 A 20110330

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• SE 1050335 A 20100408
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Abstract (en)
[origin: WO2011126431A1] The invention relates to a method for determining speed set-point values v_{ref} for a control system in a vehicle, which method comprises: A) determining a horizon by means of location data and map data for an itinerary made up of route segments and at least one characteristic for each segment; B) calculating speed set-point values v_{ref} for the vehicle's control system along the horizon on the basis of rules pertaining to characteristics of segments, and when a lowering of the vehicle's entry speed $V_{in, i}$ to a segment is calculated to be necessary if the end speed $v_{slut, i}$ in the segment is to be $= v_{max}$ and unnecessary braking thereafter is consequently to be avoided, the method comprises: C) calculating within the horizon a trigger location from which the fuel injection to the vehicle has to be throttled in order to achieve a lowering to $V_{in, i}$, provided that $v_{m;n} = v_{ref} = v_{max}$, where v_{min} and v_{max} set the limits for permissible speeds for v_{ref} , which trigger location is subject to continued calculations of speed set-point values v_{ref} , and D) regulating the vehicle according to the speed set-point values v_{ref} . The invention relates also to a module arranged to calculate speed set-point values v_{ref} for a control system in a vehicle.

IPC 8 full level
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