

Title (en)  
METHOD AND SYSTEM FOR IMPROVING THE OPERATING EFFICIENCY OF A VEHICLE DURING DRIVING OF A VEHICLE ALONG A ROUTE OF TRAVEL

Title (de)  
VERFAHREN UND SYSTEM ZUR VERBESSERUNG DER BETRIEBSEFFIZIENZ EINES FAHRZEUGS WÄHREND DES FAHRENS EINES FAHRZEUGS ENTLANG EINER FAHRSTRECKE

Title (fr)  
PROCÉDÉ ET SYSTÈME PERMETTANT D'AMÉLIORER L'EFFICACITÉ DE FONCTIONNEMENT D'UN VÉHICULE PENDANT LA CONDUITE D'UN VÉHICULE LE LONG D'UN ITINÉRAIRE DE DÉPLACEMENT

Publication  
**EP 3145777 A1 20170329 (EN)**

Application  
**EP 15795544 A 20150520**

Priority  
• SE 1450604 A 20140521  
• SE 2015050568 W 20150520

Abstract (en)  
[origin: WO2015178838A1] The present invention concerns a method for improving the operating efficiency of a vehicle during driving of a vehicle along a route of travel, wherein retardation of the vehicle by means of engine braking and/or coasting of the vehicle is taken into account. The method comprises the step of: continuously determining (S1 ) a velocity profile for the vehicle velocity resulting from engine braking and/or coasting of the vehicle as the basis for a comparison with target velocities associated with velocity-limiting factors occurring along the route of travel of the vehicle, wherein the step of continuously determining a velocity profile for the vehicle velocity resulting from engine braking and/or coasting of the vehicle comprises the step of continuously determining driving resistance along the route of travel of the vehicle during engine braking and/or coasting. The method further comprises the step of selecting the time for initiating retardation by means of engine braking and/or coasting of the vehicle in the event that the velocity profile resulting from engine braking and/or coasting is found to contain a target velocity in said comparison. The present invention also concerns a system method for improving the operating efficiency of a vehicle during driving of a vehicle along a route of travel. The present invention also concerns a motor vehicle. The present invention also concerns a computer program and a computer program product.

IPC 8 full level  
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