

Title (en)
METHOD AND MANAGEMENT UNIT PERTAINING TO VEHICLE TRAINS

Title (de)
VERFAHREN UND VERWALTUNGSEINHEIT FÜR FAHRZEUGZÜGE

Title (fr)
PROCÉDÉ ET UNITÉ DE GESTION AYANT TRAIT À DES TRAINS DE VÉHICULES

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Application
EP 12742706 A 20120124

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• SE 2012050066 W 20120124

Abstract (en)
[origin: WO2012105889A1] The invention relates to a method for organising and managing a vehicle train by using a management unit, comprising:
A) the management unit receiving vehicle train information which relates to at least two vehicles and comprises, for each of them, starting and destination points for a journey, times for the journey, e.g. departure time and/or arrival time, vehicle-specific information, e.g. engine power, vehicle weight, frontal cross-sectional area, fuel consumption; B) matching the times of the vehicles with one another and determining on the basis thereof a time for the vehicle train; C) matching starting and destination points of the vehicles with one another and determining on the basis thereof an itinerary for the vehicle train. D) calculating for each vehicle an individual value parameter which represents the consequences of taking part in the vehicle train, based on at least the vehicle-specific information and the specified itinerary, which value parameter represents one or more from among fuel saving, time gain or time loss.

IPC 8 full level
B60W 30/00 (2006.01); **G05D 1/02** (2020.01); **G06Q 10/083** (2023.01); **G08G 1/16** (2006.01)

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Citation (search report)
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• [A] RALPH KUNZE ET AL: "Organization and Operation of Electronically Coupled Truck Platoons on German Motorways", 16 December 2009, INTELLIGENT ROBOTICS AND APPLICATIONS, SPRINGER BERLIN HEIDELBERG, BERLIN, HEIDELBERG, PAGE(S) 135 - 146, ISBN: 978-3-642-10816-7, XP019135883
• See references of WO 2012105889A1

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