

Title (en)

METHOD AND SYSTEM FOR SPACING ADJUSTMENT IN A MOVING VEHICLE TRAIN

Title (de)

VERFAHREN UND SYSTEM ZUR ABSTANDSEINSTELLUNG IN EINEM SICH BEWEGENDEN ZUG

Title (fr)

PROCÉDÉ ET SYSTÈME DE RÉGLAGE DES INTERDISTANCES ENTRE VÉHICULES DANS UN TRAIN DE VÉHICULES EN MOUVEMENT

Publication

EP 2830921 A1 20150204 (EN)

Application

EP 13768818 A 20130321

Priority

- SE 1250310 A 20120329
- SE 2013050317 W 20130321

Abstract (en)

[origin: WO2013147684A1] The present invention relates to a method for safe and fuel-efficient spacing adjustment in a moving vehicle train formed of at least two vehicles, comprising the steps of continuously maintaining (S1) communication between the train's vehicles, continuously determining (S2) parameters which characterise the train's journey, and using parameters thus determined (S3) as a basis for determining suitable mutual spacing for the train's vehicles, which step of determining (S3) said suitable mutual spacing of the train's vehicles comprises the step of using identified risk factors with a probability indication for each risk factor as a basis for evaluating (S3) the risk generated by said risk factors and adjusting said spacing accordingly. The present invention relates also to a system (I) for safe and fuel-efficient spacing adjustment in a moving vehicle train. The present invention relates also to a motor vehicle. The present invention relates also to a computer programme and a computer programme product.

IPC 8 full level

B60W 30/16 (2020.01); **B60W 30/18** (2012.01); **B61L 23/34** (2006.01); **G01S 5/00** (2006.01); **G05D 1/02** (2020.01); **G08G 1/00** (2006.01); **G08G 1/095** (2006.01); **G08G 1/16** (2006.01)

CPC (source: EP SE)

B60W 30/165 (2013.01 - EP); **B60W 30/18009** (2013.01 - SE); **B61L 23/34** (2013.01 - SE); **G01S 5/0072** (2013.01 - SE); **G05D 1/695** (2024.01 - SE); **G08G 1/161** (2013.01 - SE); **G08G 1/22** (2013.01 - EP); **B60W 2050/048** (2013.01 - SE); **B60W 2520/10** (2013.01 - EP); **B60W 2554/801** (2020.02 - EP); **B60W 2554/804** (2020.02 - EP); **B60W 2555/00** (2020.02 - SE); **B60W 2720/10** (2013.01 - EP); **B60W 2754/30** (2020.02 - EP); **B60Y 2200/147** (2013.01 - EP); **G01S 2013/9325** (2013.01 - EP)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2013147684 A1 20131003; EP 2830921 A1 20150204; EP 2830921 A4 20160831; SE 1250310 A1 20130930; SE 536818 C2 20140923

DOCDB simple family (application)

SE 2013050317 W 20130321; EP 13768818 A 20130321; SE 1250310 A 20120329