

Title (en)  
METHOD AND CONTROL UNIT FOR ADJUSTING AN INTER VEHICULAR DISTANCE BETWEEN VEHICLES IN A VEHICLE PLATOON

Title (de)  
VERFAHREN UND STEUEREINHEIT ZUR EINSTELLUNG EINES ABSTANDES ZWISCHEN FAHRZEUGEN IN EINER FAHRZEUGKOLONNE

Title (fr)  
PROCÉDÉ ET UNITÉ DE COMMANDE DE RÉGLAGE DE DISTANCE ENTRE VÉHICULES ENTRE DES VÉHICULES D'UN PELOTON DE VÉHICULES

Publication  
**EP 3555875 A4 20200812 (EN)**

Application  
**EP 17880240 A 20171212**

Priority

- SE 1651657 A 20161216
- SE 2017051249 W 20171212

Abstract (en)  
[origin: WO2018111177A1] Method (400) and control unit (210) for adjusting an inter vehicular distance (130) between vehicles (100a, 100b, 100c) in a platoon (110). The control unit (210) is configured to: obtain a geographical position for a vehicle (100a, 100b, 100c) in the platoon (110); determine a zone (200a) wherein the obtained geographical position is situated; determine an inter vehicular minimum distance limit, associated with the determined zone (200a); and adjust the inter vehicular distance (130) between the vehicles (100a, 100b, 100c) in the platoon (110) into the determined inter vehicular minimum distance limit by sending a control signal to the vehicle (100a, 100b, 100c) in the platoon (110).

IPC 8 full level  
**G08G 1/00** (2006.01); **B60W 30/16** (2020.01); **G01C 21/00** (2006.01); **G01C 22/00** (2006.01); **G05D 1/02** (2020.01)

CPC (source: EP SE US)  
**B60W 30/165** (2013.01 - EP US); **G01C 21/00** (2013.01 - SE); **G01C 21/005** (2013.01 - EP); **G01C 21/3697** (2013.01 - EP); **G01C 22/00** (2013.01 - SE); **G05D 1/0297** (2024.01 - EP); **G05D 1/695** (2024.01 - SE); **G08G 1/22** (2013.01 - EP); **B60W 2552/35** (2020.02 - EP); **B60W 2554/00** (2020.02 - EP); **B60W 2554/406** (2020.02 - US); **B60W 2555/20** (2020.02 - EP); **B60W 2556/50** (2020.02 - EP); **B60W 2754/30** (2020.02 - EP); **G01C 21/38** (2020.08 - SE); **H04W 84/005** (2013.01 - EP)

Citation (search report)

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- [X] SE 538767 C2 20161115 - SCANIA CV AB [SE]
- [X] US 2010256852 A1 20101007 - MUDALIGE UPALI PRIYANTHA [US]
- See references of WO 2018111177A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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DOCDB simple family (application)  
**SE 2017051249 W 20171212**; CN 201780075056 A 20171212; EP 17880240 A 20171212; SE 1651657 A 20161216