

Title (en)  
METHOD AND SYSTEM FOR CONTROLLING STEERING OF A VEHICLE

Title (de)  
VERFAHREN UND SYSTEM ZUR STEUERUNG DER LENKUNG EINES FAHRZEUGS

Title (fr)  
PROCÉDÉ ET SYSTÈME DE COMMANDE DE DIRECTION D'UN VÉHICULE

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Application  
**EP 18794785 A 20180417**

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Abstract (en)  
[origin: WO2018203792A1] The present invention relates to a method for controlling steering of a vehicle (V2) during drive of the vehicle, said vehicle having at least one wheel axle (X2) with steerable wheels (W2L, W2R) steerable by steering control means (SC) separated from a steering wheel mechanism actuated by the steering wheel of the vehicle. The method comprises the step of: determining the current operational situation during said drive of the vehicle; determining external conditions along the route (R) of the vehicle; and taking measures based on said determined operational situation and said determined external conditions so as to facilitate controlling steering of said steerable wheels (W2L, W2R) of said at least one wheel axle (X2). The present invention also relates to a system for controlling steering of a vehicle (V1; V2) during drive of the vehicle. The present invention also relates to a computer program and a computer readable medium.

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Citation (search report)  
• [X] US 7783426 B2 20100824 - KATO YOSHIYUKI [JP], et al  
• [X] US 2015321699 A1 20151112 - REBHAN SVEN [DE], et al  
• [X] DE 102011113610 A1 20130321 - GM GLOBAL TECH OPERATIONS INC [US]  
• [X] EP 1785336 B1 20080326 - TOYOTA JIDOSHOKKI KK [JP]  
• [X] US 2004181338 A1 20040916 - DOBLER GUENTER [DE], et al  
• [X] DE 102015007358 A1 20151217 - SCANIA CV AB [SE]  
• [X] US 2015353095 A1 20151210 - FREESS JASCHA [DE]  
• [X] DE 102004030997 A1 20060119 - BAYERISCHE MOTOREN WERKE AG [DE]  
• [X] DE 102007032720 A1 20090115 - DAIMLER AG [DE]  
• [X] DE 102010056175 A1 20110825 - DAIMLER AG [DE]  
• [I] DE 102004007850 A1 20040902 - DAIMLER CHRYSLER AG [DE]  
• [I] DE 102015005464 A1 20151112 - SCANIA CV AB [SE]  
• [I] EP 0678439 A1 19951025 - DAIMLER BENZ AG [DE]  
• [I] US 5799259 A 19980825 - RIEF KLAUS [DE], et al  
• [I] US 2013211720 A1 20130815 - NIEMZ VOLKER [DE]  
• See references of WO 2018203792A1

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