

Title (en)  
METHOD FOR IMPROVING THE FUNCTIONAL SAFETY OF CO-OPERATIVE DRIVING MANOEUVRES, AND ELECTRONIC CONTROL DEVICE

Title (de)  
VERFAHREN ZUR VERBESSERUNG DER FUNKTIONALEN SICHERHEIT KOOPERATIVER FAHRMANÖVER UND ELEKTRONISCHE KONTROLLVORRICHTUNG

Title (fr)  
PROCÉDÉ D'AMÉLIORATION DE LA SÉCURITÉ FONCTIONNELLE DE MANOEUVRES DE CONDUITE COOPÉRATIVES, ET DISPOSITIF DE COMMANDE ÉLECTRONIQUE

Publication  
**EP 4323247 A1 20240221 (DE)**

Application  
**EP 22717727 A 20220405**

Priority  
• DE 102021203732 A 20210415  
• DE 2022200066 W 20220405

Abstract (en)  
[origin: WO2022218483A1] The invention relates to a method (100) to be carried out by an electronic control apparatus of a first vehicle, comprising the following steps: - examining (102) a trajectory of the first vehicle planned co-operatively with a second vehicle with regard to a potential safety-critical traffic situation by means of an examination device of the first vehicle on the basis of sensor information from at least one sensor of the first vehicle (do1) and/or on the basis of object data from a fusion of sensor information from at least two sensors of the first vehicle (do1+df1); and - emitting (104) a signal for initiation of a safety measure or carrying out the planned trajectory depending on a result of the examination. The invention also relates to a corresponding electronic control device (200).

IPC 8 full level  
**B60W 30/08** (2012.01); **G08G 1/16** (2006.01)

CPC (source: EP US)  
**B60W 30/09** (2013.01 - US); **B60W 30/0956** (2013.01 - US); **B60W 60/0015** (2020.02 - EP US); **B60W 60/0016** (2020.02 - EP); **B60W 60/0017** (2020.02 - EP); **G08G 1/166** (2013.01 - EP); **H04W 4/46** (2018.02 - US); **B60W 2556/35** (2020.02 - US); **B60W 2556/45** (2020.02 - EP); **B60W 2556/65** (2020.02 - EP US); **B60W 2756/10** (2020.02 - 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

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**DE 102021203732 A1 20221020**; **DE 102021203732 B4 20230330**; CN 117136156 A 20231128; EP 4323247 A1 20240221; US 2024190418 A1 20240613; WO 2022218483 A1 20221020

DOCDB simple family (application)  
**DE 102021203732 A 20210415**; CN 202280028537 A 20220405; DE 2022200066 W 20220405; EP 22717727 A 20220405; US 202218286946 A 20220405