

Title (en)
METHOD, COMPUTER PROGRAM, AND APPARATUS FOR AVOIDING A COLLISION OF VEHICLES

Title (de)
VERFAHREN, COMPUTERPROGRAMM UND VORRICHTUNG ZUR VERMEIDUNG EINER KOLLISION VON FAHRZEUGEN

Title (fr)
PROCÉDÉ, PROGRAMME INFORMATIQUE ET APPAREIL POUR ÉVITER UNE COLLISION DE VÉHICULES

Publication
EP 4241265 A1 20230913 (EN)

Application
EP 21806220 A 20211104

Priority
• EP 20206027 A 20201105
• EP 2021080653 W 20211104

Abstract (en)
[origin: WO2022096579A1] The present disclosure relates to a method for avoiding a collision of a first and at least one second vehicle. The method comprises receiving a first trajectory of the first vehicle and a second trajectory of the second vehicle and comparing the first and the second trajectory to check whether a collision of the first and the second vehicle is imminent. The method further comprises receiving first information related to the first vehicle and second information related to the second vehicle and comparing the first and the second information to determine a priority. The method further provides for navigating, depending on the priority, the first vehicle along an updated first trajectory and/or the second vehicle along an updated second trajectory to avoid the collision.

IPC 8 full level
G08G 1/16 (2006.01); **G08G 5/00** (2006.01); **G08G 5/04** (2006.01)

CPC (source: EP)
G05D 1/0212 (2024.01); **G08G 1/164** (2013.01); **G08G 1/166** (2013.01); **G08G 5/0008** (2013.01); **G08G 5/0013** (2013.01); **G08G 5/0021** (2013.01); **G08G 5/0026** (2013.01); **G08G 5/0043** (2013.01); **G08G 5/0069** (2013.01); **G08G 5/0082** (2013.01); **G08G 5/045** (2013.01)

Citation (search report)
See references of WO 2022096579A1

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)
WO 2022096579 A1 20220512; CN 116508086 A 20230728; EP 4241265 A1 20230913

DOCDB simple family (application)
EP 2021080653 W 20211104; CN 202180073491 A 20211104; EP 21806220 A 20211104