

Title (en)  
METHOD FOR THE AT LEAST ASSISTED CROSSING OF A JUNCTION BY A MOTOR VEHICLE

Title (de)  
VERFAHREN ZUM ZUMINDEST ASSISTIERTEN ÜBERQUEREN EINES KNOTENPUNKTS DURCH EIN KRAFTFAHRZEUG

Title (fr)  
PROCÉDÉ DE CROISEMENT AU MOINS ASSISTÉ D'UNE JONCTION PAR UN VÉHICULE AUTOMOBILE

Publication  
**EP 4035139 A1 20220803 (DE)**

Application  
**EP 20751085 A 20200727**

Priority  
• DE 102019214420 A 20190923  
• EP 2020071091 W 20200727

Abstract (en)  
[origin: WO2021058176A1] The invention relates to a method for the at least assisted crossing of a junction by a motor vehicle, said method comprising the following steps: receiving signals from the surroundings, which signals represent the area that surrounds the motor vehicle and at least partly comprises a junction; generating remote control signals for remotely controlling the lateral and/or longitudinal control of the motor vehicle on the basis of the signals from the surroundings, such that during the remote control of the lateral and/or longitudinal control of the motor vehicle on the basis of the remote control signals, the motor vehicle is at least assisted to cross the junction; outputting the generated remote control signals. The invention further relates to a device, a computer programme and a machine-readable storage medium.

IPC 8 full level  
**G08G 1/16** (2006.01); **G05D 1/00** (2006.01); **G05D 1/02** (2020.01)

CPC (source: CN EP US)  
**B60W 30/18159** (2020.02 - US); **B60W 50/0205** (2013.01 - US); **B60W 50/029** (2013.01 - US); **G05D 1/0022** (2024.01 - US); **G05D 1/0061** (2024.01 - US); **G05D 1/0077** (2024.01 - US); **G05D 1/0282** (2024.01 - CN EP); **G08G 1/096811** (2013.01 - CN); **G08G 1/164** (2013.01 - CN); **H04L 9/50** (2022.05 - US); **H04W 4/44** (2018.02 - US); **B60W 2050/021** (2013.01 - US); **B60W 2050/0292** (2013.01 - US); **B60W 2556/50** (2020.02 - US); **G08G 1/096811** (2013.01 - EP); **G08G 1/164** (2013.01 - EP); **H04L 2209/80** (2013.01 - US); **H04L 2209/84** (2013.01 - US)

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)  
**DE 102019214420 A1 20210325**; CN 114514485 A 20220517; EP 4035139 A1 20220803; JP 2022549262 A 20221124;  
JP 7366253 B2 20231020; US 2022299992 A1 20220922; WO 2021058176 A1 20210401

DOCDB simple family (application)  
**DE 102019214420 A 20190923**; CN 202080067573 A 20200727; EP 2020071091 W 20200727; EP 20751085 A 20200727;  
JP 2022518234 A 20200727; US 202017641577 A 20200727