

Title (en)

METHOD AND DEVICE FOR MAKING SENSOR DATA MORE ROBUST AGAINST ADVERSE DISRUPTIONS

Title (de)

VERFAHREN UND VORRICHTUNG ZUM ROBUSTIFIZIEREN VON SENSORDATEN GEGEN ADVERSARIALE STÖRUNGEN

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR RENDRE DES DONNÉES DE CAPTEUR PLUS ROBUSTES À L'ÉGARD DE PERTURBATIONS INDÉSIRABLES

Publication

**EP 4078238 A1 20221026 (DE)**

Application

**EP 20829547 A 20201210**

Priority

- DE 102019219923 A 20191217
- EP 2020085650 W 20201210

Abstract (en)

[origin: WO2021122338A1] The invention relates to a method for making sensor data (20, 21) more robust against adverse disruptions, in which method sensor data (20, 21) are obtained from at least two sensors (10, 11), parts of the sensor data (20, 21) obtained from the at least two sensors (10, 11) are replaced by means of quilting, the partial replacement being carried out in such a way that individual items of replaced sensor data (30, 31) from different sensors (10, 11) are plausible relative to one another, and the sensor data (30, 31) of which parts have been replaced are output. The invention further relates to a device (1) for making sensor data (20, 21) more robust against adverse disruptions, to a method for operating an assistance system for a vehicle, to an assistance system for a vehicle, to a computer program and to a data carrier signal.

IPC 8 full level

**G01S 17/86** (2020.01); **G01S 7/02** (2006.01); **G01S 7/36** (2006.01); **G01S 7/495** (2006.01); **G01S 7/537** (2006.01); **G01S 13/86** (2006.01); **G01S 13/89** (2006.01); **G01S 13/931** (2020.01); **G01S 15/89** (2006.01); **G01S 15/931** (2020.01); **G01S 17/89** (2020.01); **G01S 17/931** (2020.01)

CPC (source: EP US)

**B60W 60/001** (2020.02 - US); **G01S 17/86** (2020.01 - EP); **G01S 17/89** (2013.01 - EP); **G01S 17/931** (2020.01 - EP US); **G06F 18/24133** (2023.01 - EP); **G06F 18/25** (2023.01 - EP); **G06F 18/251** (2023.01 - US); **G06V 10/82** (2022.01 - EP US); **B60W 2420/403** (2013.01 - US); **B60W 2420/408** (2024.01 - US); **G01S 7/023** (2013.01 - EP); **G01S 7/36** (2013.01 - EP); **G01S 7/495** (2013.01 - EP); **G01S 7/537** (2013.01 - EP); **G01S 13/862** (2013.01 - EP); **G01S 13/865** (2013.01 - EP); **G01S 13/867** (2013.01 - EP); **G01S 13/89** (2013.01 - EP); **G01S 15/86** (2020.01 - EP); **G01S 15/931** (2013.01 - EP); **G01S 2013/9323** (2020.01 - EP); **G01S 2013/9324** (2020.01 - EP)

Citation (search report)

See references of WO 2021122338A1

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DOCDB simple family (application)

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