

Title (en)

AUTOMATED DETECTION OF ABNORMAL BEHAVIOUR OF A ROAD USER

Title (de)

AUTOMATISIERTE ERKENNUNG EINES ANORMALEN VERHALTENS EINES VERKEHRSTEILNEHMERS

Title (fr)

IDENTIFICATION AUTOMATISÉE D'UN COMPORTEMENT ANORMAL D'UN USAGER DE LA ROUTE

Publication

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Application

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Abstract (en)

[origin: WO2021037838A1] The invention relates to a method for training an artificial neural network, comprising the following steps: determining (S1) first data relating to a first road user (1) using a test vehicle sensor unit (11); determining (S2) second data relating to the first road user (1) using an external sensor unit (30); training (S3) the artificial neural network with the first data and with the second data as a respective input and with a predefined gauge for classifying normal or abnormal behaviour as a predefined output; and storing (S4) the trained neural network in a storage unit (3) for later execution in the vehicle (20), wherein the stored, trained, artificial neural network is designed to be executed with first data relating to a second road user (2) continuously detected by a vehicle sensor unit (21) of a vehicle (20) as the only input of the artificial neural network.

IPC 8 full level

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