Title (en)
METHOD AND DEVICE FOR OPERATING A MACHINE LEARNING MODEL

Title (de)
VERFAHREN UND VORRICHTUNG ZUM BETREIBEN EINES MASCHINENLERNMODELLS

Title (fr)
PROCÉDÉ ET DISPOSITIF DE FONCTIONNEMENT D'UN MODÈLE D'APPRENTISSAGE AUTOMATIQUE

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Application
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Abstract (en)
[origin: WO2020126339A1] The invention relates to a method for operating a machine learning model (6, 6a), comprising the following steps during a training phase (200): receiving selected multidimensional training data (10); selecting subsets (11) from the received training data (10); generating a training data set (12), wherein the training data set (12) includes data set elements (13) which are generated on the basis of the selected subsets (11); training the machine learning model (6) by means of the training data set (12); and/or comprising the following steps during an inference phase (300): receiving sensor data (20) of at least one sensor; selecting subsets (21) from the received sensor data (20); generating a data stack (22), wherein the data stack (22) includes the respective selected subsets (21) as stack elements (23); applying the, or a, machine learning model (6a) trained according to the steps of the training phase (200) to every stack element (23) of the data stack (22), wherein the application occurs simultaneously, and deducing an inference result (24); and outputting the inference result (24). The invention also relates to a device (1).

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