

Title (en)

METHOD AND DEVICE FOR DETERMINING A CONTROL SIGNAL

Title (de)

VERFAHREN UND VORRICHTUNG ZUM ERMITTELN EINES ANSTEUERSIGNALS

Title (fr)

PROCÉDÉ ET DISPOSITIF DE DÉTERMINATION D'UN SIGNAL DE COMMANDE

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Application

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Abstract (en)

[origin: WO2020064211A1] A computer-implemented method for classifying an input signal (x), which is determined in particular according to an output signal (S) of a sensor (30), in respect of whether or not the input signal has an anomaly. According to an output signal (y) of an autoencoder (6) to which the input signal (x) is fed, it is decided whether the input signal (x) has or does not have the anomaly, the autoencoder (60) comprising at least one encoder (61) and at least one decoder (631; 632, ...), wherein an intermediate variable (z) is determined by means of the encoder (61) according to the input signal (x), and the output signal (y) is determined on this basis by means of the decoder (631; 632,...). The autoencoder (60) provides a plurality of hypotheses of formula (I) for the input signal (x) fed to it in order to reconstruct the input signal and determines the output signal (y) according to said plurality of hypotheses of formula (I).

IPC 8 full level

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