Title (en)

TIME-DISCRETE MODELING METHOD FOR A MOTOR VEHICLE

Title (de)

ZEITDISKRETES MODELLIERUNGSVERFAHREN FÜR EIN KRAFTFAHRZEUG

Title (fr)

PROCÉDÉ DE MODÉLISATION À TEMPS DISCRET POUR UN VÉHICULE À MOTEUR

Publication

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Application

EP 15794909 A 20151113

Priority

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- EP 2015076558 W 20151113

Abstract (en)

[origin: WO2016091535A1] The invention relates to a universal modeling method for a motor vehicle, said universal modeling method comprising: providing (10) an input signal set (100), the input signal set (100) comprising those signals of respective sensors of the motor vehicle, which can be relevant for the control of devices of the motor vehicle; selecting (20) a set of modeling signals (110) from the input signal set (100) as a function of a system architecture (200) of the motor vehicle; and determining (30) an output signal set (400) by means of a time-discrete selective state space model modeling function (300) taking into account the set of modeling signals (110). In this case, the output signal set (400) functions as a signal set for controlling corresponding actuators of the devices of the motor vehicle.

IPC 8 full level

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CPC (source: CN EP US)

G06F 30/15 (2020.01 - CN EP US); **G06F 30/20** (2020.01 - CN EP US); B60W 50/0097 (2013.01 - US); B60W 2050/0018 (2013.01 - CN EP US); B60W 2050/0031 (2013.01 - CN EP US)

Citation (search report)

See references of WO 2016091535A1

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