

Title (en)

METHOD FOR DISPLAYING INFORMATION ON A HUMAN-MACHINE INTERFACE OF A MOTOR VEHICLE, COMPUTER PROGRAM PRODUCT, HUMAN-MACHINE INTERFACE, AND MOTOR VEHICLE

Title (de)

VERFAHREN ZUR DARSTELLUNG VON INFORMATIONEN AUF EINER MENSCH-MASCHINE-SCHNITTSTELLE EINES KRAFTFAHRZEUGS, COMPUTERPROGRAMMPRODUKT, MENSCH-MASCHINE-SCHNITTSTELLE SOWIE KRAFTFAHRZEUG

Title (fr)

PROCÉDÉ D'AFFICHAGE D'INFORMATIONS SUR UNE INTERFACE HOMME-MACHINE D'UN VÉHICULE À MOTEUR, PRODUIT PROGRAMME D'ORDINATEUR, INTERFACE HOMME-MACHINE ET VÉHICULE À MOTEUR

Publication

EP 4058319 A1 20220921 (DE)

Application

EP 20800928 A 20201104

Priority

- DE 102019217346 A 20191111
- EP 2020080987 W 20201104

Abstract (en)

[origin: WO2021094168A1] The invention relates to a method for controlling a human-machine interface (4) of a motor vehicle (2), said human-machine interface (4) having at least one display device (8, 10, 12) for displaying information (34, 36, 38, 40, 42, 44). At least one drive situation parameter is ascertained which characterizes a drive situation of the motor vehicle (2), and a load parameter is determined on the basis of the ascertained drive situation parameter using an algorithm (20), said load parameter characterizing the cognitive load of a driver (6) of the motor vehicle (2) so that the display device (8, 10, 12) information density of information to be displayed by the display device (8, 10, 12) is adapted according to the load parameter, wherein the algorithm (20) comprises a data set with drive situation parameters, each drive situation parameter is assigned to a load parameter, and the load parameters are based on at least one measured variable which characterizes the behavior of the driver. The invention additionally relates to a computer program product, to human-machine interfaces, and to a motor vehicle.

IPC 8 full level

B60K 35/00 (2006.01); **B60K 37/06** (2006.01)

CPC (source: EP)

B60K 35/00 (2013.01); **B60K 35/10** (2024.01); **B60K 35/28** (2024.01); **B60K 35/29** (2024.01); **B60K 35/81** (2024.01); **B60K 35/90** (2024.01); **B60K 2360/149** (2024.01); **B60K 2360/168** (2024.01); **B60K 2360/182** (2024.01); **B60K 2360/186** (2024.01); **B60K 2360/1868** (2024.01); **B60K 2360/1876** (2024.01); **B60K 2360/48** (2024.01); **B60W 2540/22** (2013.01); **B60W 2540/223** (2020.02)

Citation (search report)

See references of WO 2021094168A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

DE 102019217346 A1 20210512; **DE 102019217346 B4 20231207**; CN 114728584 A 20220708; EP 4058319 A1 20220921; WO 2021094168 A1 20210520

DOCDB simple family (application)

DE 102019217346 A 20191111; CN 202080078629 A 20201104; EP 2020080987 W 20201104; EP 20800928 A 20201104