Title (en)

MAN/MACHINE INTERFACE FOR CONTROLLING AT LEAST TWO FUNCTIONS OF A MOTOR VEHICLE

Title (de)

MENSCH/MASCHINE-SCHNITTSTELLE ZUR STEUERUNG VON MINDESTENS ZWEI FUNKTIONEN EINES KRAFTFAHRZEUGS

Title (fr)

INTERFACE HOMME MACHINE PERMETTANT DE COMMANDER AU MOINS DEUX FONCTIONS D'UN VÉHICULE AUTOMOBILE

Publication

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Application

EP 14828184 A 20141218

Priority

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- FR 2014000290 W 20141218

Abstract (en)

[origin: WO2015092167A1] The invention relates to a man/machine interface (10) that can be used to control at least two functions of a motor vehicle, said man/machine interface comprising: a capacitive touch pad (20) including an array of electrically charged electrodes, and configured to receive a command for at least two functions; a haptic feedback device (40) configured to supply feedback to the user of the man/machine interface as acknowledgement of the command; and a control device (30) configured to receive a signal from the touch pad that is representative of a command from the user on the touch pad, said signal being linked to the disturbance in the electrostatic field generated by the array of electrodes (50) at the time of a command from the user on the touch pad. The control device is configured to determine the function to be activated when the level of the signal received is greater than or equal to a threshold value according to the number of electrodes in the electrode array of the capacitive touch pad for which the level of the signal is greater than or equal to said threshold value.

IPC 8 full level

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CPC (source: EP US)

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