

Title (en)

MOTOR VEHICLE HAPTIC FEEDBACK CONTROL METHOD AND INTERFACE

Title (de)

VERFAHREN ZUR STEUERUNG DER HAPTISCHEN RÜCKMELDUNG EINES KRAFTFAHRZEUGS UND SCHNITTSTELLE

Title (fr)

PROCÉDÉ ET INTERFACE DE COMMANDE À RETOUR HAPTIQUE POUR VÉHICULE AUTOMOBILE

Publication

**EP 3204836 A1 20170816 (FR)**

Application

**EP 15763387 A 20150731**

Priority

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Abstract (en)

[origin: WO2016016521A1] The invention relates to a motor vehicle haptic feedback control interface comprising: - a magnetorheological fluid module (3) including a movable element (6); - a magnetorheological fluid (7) in contact with the movable element (6); and - a magnetic field application unit (8) configured so as to apply a magnetic field to the magnetorheological fluid (7) and modify the strength of the applied magnetic field in order to generate haptic feedback to the user moving the movable element (6) by modifying the magnetic field applied to the magnetorheological fluid (7). Said interface is characterized in that it comprises an audio feedback unit (18) configured so as to generate audio feedback to the user moving the movable element (6). The invention also relates to a method for controlling a haptic feedback control interface.

IPC 8 full level

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Citation (search report)

See references of WO 2016016521A1

Citation (examination)

US 2006061558 A1 20060323 - GRANT DANNY [CA], et al

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