

Title (en)

CONTROL DEVICE FOR A MOTOR VEHICLE AND CONTROL METHOD

Title (de)

STEUERUNGSVORRICHTUNG FÜR EIN KRAFTFAHRZEUG UND STEUERUNGSVERFAHREN

Title (fr)

DISPOSITIF DE CONTROLE POUR VEHICULE AUTOMOBILE ET PROCEDE DE COMMANDE

Publication

EP 3084565 A1 20161026 (FR)

Application

EP 14828182 A 20141218

Priority

- FR 1303010 A 20131219
- FR 2014000288 W 20141218

Abstract (en)

[origin: WO2015092165A1] The invention relates to a control method and a control device for a motor vehicle, comprising a touch-sensitive surface (2) and a haptic feedback module (4) designed to vibrate the touch-sensitive surface (2) in response to contact with the touch-sensitive surface (2), characterised in that the vibration of the touch-sensitive surface (2) generated is produced by movements (dR) of the touch-sensitive surface (2) of an amplitude of between 5 and 110 µm with an acceleration of the movement of the touch-sensitive surface (2) of between 2 and 8 G.

IPC 8 full level

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CPC (source: EP US)

B60K 35/10 (2024.01 - EP US); **B60K 35/25** (2024.01 - EP); **B60K 35/26** (2024.01 - EP); **B60Q 9/00** (2013.01 - US); **G06F 3/016** (2013.01 - EP US); **G06F 3/03547** (2013.01 - EP US); **G06F 3/041** (2013.01 - EP US); **B60K 35/25** (2024.01 - US); **B60K 35/26** (2024.01 - US); **B60K 2360/1438** (2024.01 - EP US); **G06F 3/045** (2013.01 - US); **G06F 2203/014** (2013.01 - EP US)

Citation (search report)

See references of WO 2015092165A1

Citation (examination)

- GUNHYUK PARK ET AL: "Tactile Effect Design and Evaluation for Virtual Buttons on a Mobile Device Touchscreen", MOBILEHCI 2011, ACM, US, 30 August 2011 (2011-08-30), pages 11 - 20, XP007919394, ISBN: 978-1-4503-0541-9
- PAULI LAITINEN ET AL: "Enabling mobile haptic design: piezoelectric actuator technology properties in hand held devices", HAVE'2006 - IEEE INTERNATIONAL WORKSHOP ON HAPTIC AUDIO VISUAL ENVIRONMENTS AND THEIR APPLICATION, IEEE, PI, 1 January 2006 (2006-01-01), pages 40 - 43, XP031041929, ISBN: 978-1-4244-0760-6

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

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