

Title (en)  
DEVICE AND METHOD FOR SELECTING GEARS IN MOTOR VEHICLES

Title (de)  
VORRICHTUNG UND VERFAHREN ZUM ANWÄHLEN VON FAHRSTUFEN BEI KRAFTFAHRZEUGEN

Title (fr)  
DISPOSITIF ET PROCÉDÉ DE SÉLECTION DE RAPPORTS DANS DES VÉHICULES À MOTEUR

Publication  
**EP 3645920 A2 20200506 (DE)**

Application  
**EP 18737508 A 20180622**

Priority  
• DE 102017114593 A 20170629  
• EP 2018066775 W 20180622

Abstract (en)  
[origin: WO2019002131A2] The invention relates to a device for selecting gears in motor vehicles, comprising an operating element selecting the respective gear, which operating element is manually pivotable or rotatable with respect to at least one axis of rotation, a haptic feedback for a user being generable by means of an actuator acting upon the operating element, and a control unit generating gear control signals and actuating the actuator depending on the position of the operating element, thereby providing a device with a simpler design that can be controlled with little complexity. The invention is characterized in that the different gears are associated with different shifting thresholds of the operating element for switching to a different gear.

IPC 8 full level  
**F16H 61/24** (2006.01); **F16H 59/04** (2006.01); **F16H 59/08** (2006.01); **F16H 59/10** (2006.01)

CPC (source: EP US)  
**B60W 30/19** (2013.01 - US); **B60W 50/16** (2013.01 - US); **F16H 59/0204** (2013.01 - US); **F16H 59/0217** (2013.01 - US);  
**F16H 59/044** (2013.01 - EP); **F16H 59/08** (2013.01 - EP); **F16H 59/105** (2013.01 - EP); **F16H 61/0204** (2013.01 - US); **F16H 61/24** (2013.01 - EP);  
**F16H 59/105** (2013.01 - US); **F16H 2059/081** (2013.01 - EP); **F16H 2061/241** (2013.01 - EP)

Citation (search report)  
See references of WO 2019002131A2

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 LT 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)  
**WO 2019002131 A2 20190103**; **WO 2019002131 A3 20190221**; CN 110892179 A 20200317; DE 102017114593 A1 20190103;  
DE 102017114593 B4 20240627; EP 3645920 A2 20200506; US 2020124165 A1 20200423

DOCDB simple family (application)  
**EP 2018066775 W 20180622**; CN 201880043345 A 20180622; DE 102017114593 A 20170629; EP 18737508 A 20180622;  
US 201816623808 A 20180622