

Title (en)
METHOD AND DEVICE FOR OPERATING FUNCTIONS IN A VEHICLE USING GESTURES PERFORMED IN THREE-DIMENSIONAL SPACE,
AND RELATED COMPUTER PROGRAM PRODUCT

Title (de)
VERFAHREN UND VORRICHTUNG ZUM BEDIENEN VON FUNKTIONEN IN EINEM FAHRZEUG UNTER VERWENDUNG VON IM
DREIDIMENSIONALEN RAUM AUSGEFÜHRTEN GESTEN SOWIE BETREFFENDES COMPUTERPROGRAMMPRODUKT

Title (fr)
PROCÉDÉ ET DISPOSITIF DE COMMANDE DE FONCTIONS DANS UN VÉHICULE À L'AIDE DE GESTES EFFECTUÉS DANS L'ESPACE
TRIDIMENSIONNEL AINSI QUE PRODUIT-PROGRAMME D'ORDINATEUR CORRESPONDANT

Publication
EP 2802963 A1 20141119 (DE)

Application
EP 12810080 A 20121208

Priority
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Abstract (en)
[origin: WO2013104389A1] A method for operating functions in a vehicle using gestures performed in three-dimensional space has the following steps: determining (S100) whether a first gesture performed in three-dimensional space is detected or not by means of an image-based detection process; determining (S200) whether the first gesture is a gesture associated with the activation of a control of a function or not, if it is determined that the first gesture has been detected; activating (S300) the control of the function, if it is determined that the detected first gesture is a gesture associated with the activation of the control of the function; determining (S500) whether a second gesture performed in three-dimensional space is detected or not by means of the image-based detection process; determining (S600) whether the detected second gesture is a gesture associated with the control of the function, if it is determined that the second gesture has been detected; and controlling (S700) the function if it is determined that the detected first gesture is the gesture associated with activating the control of the function and if it is determined that the detected second gesture is the gesture associated with controlling the function. A related device and a related computer program product are also created.

IPC 8 full level
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CPC (source: EP US)
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G06V 40/28 (2022.01 - EP US); **B60K 2360/146** (2024.01 - EP US); **B60K 2360/1464** (2024.01 - EP US); **B60K 2360/21** (2024.01 - EP US)

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