

Title (en)
DETECTION APPARATUS FOR RECOGNIZING A GESTURE AND/OR A VIEWING DIRECTION OF AN OCCUPANT OF A MOTOR VEHICLE BY SYNCHRONOUS DRIVING OF LIGHTING UNITS

Title (de)
ERFASSUNGSVORRICHTUNG ZUM ERKENNEN EINER GESTE UND/ODER EINER BLICKRICHTUNG EINES INSASSEN EINES KRAFTFAHRZEUGS DURCH SYNCHRONE ANSTEUERUNG VON LEUCHTEINHEITEN

Title (fr)
DISPOSITIF DE DÉTECTION POUR CONNAÎTRE UN GESTE ET/OU UNE DIRECTION DU REGARD D'UN OCCUPANT D'UN VÉHICULE PAR COMMANDE SYNCHRONE D'UNITÉS D'ÉCLAIRAGE

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Abstract (en)
[origin: WO2016091736A1] The invention relates to a detection apparatus (3) for recognizing a gesture and/or a viewing direction of an occupant (13) of a motor vehicle (1), comprising a first sensor device (5) and comprising at least one second sensor device (6), wherein each of the sensor devices (5, 6) respectively has a lighting unit (7) for emitting light (11), a receiving unit (8) for receiving the light (12) reflected from the occupant (13), and a computing unit (9) for driving the lighting unit (7) and for recognizing the gesture and/or the viewing direction on the basis of the reflected light (12), wherein the computing units (9) of the sensor devices (5, 6) are designed to synchronously drive the lighting units (7) depending on a synchronization signal.

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