

Title (en)

DETECTION OF THE CHANGE OF POSITION OF A VEHICLE OCCUPANT IN AN IMAGE SEQUENCE

Title (de)

ERKENNEN DER POSITIONSÄNDERUNG EINES FAHRZEUGINSASSEN IN EINER BILDSEQUENZ

Title (fr)

RECONNAISSANCE DU CHANGEMENT DE POSITION D'UN OCCUPANT D'UN VEHICULE DANS UNE SEQUENCE VIDEO

Publication

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Application

EP 02754334 A 20020709

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Abstract (en)

[origin: WO03007244A1] The aim of the invention is to improve the reliability, especially in dynamic situations, of a method and a device for detecting the actual position of a person within a predetermined zone. The aim is attained by providing an image recording device (22) that monitors the predetermined zone (24). The recorded images are processed in an evaluation device (28) and when a person (14) is detected in the monitored zone, at least one feature (44, 46, 48) characteristic of the person (14) is determined. Further evaluation is then limited to said at least one characteristic feature (44, 46, 48) and an event signal (60) is generated if a relative modification of position of the at least one characteristic feature (44, 46, 48) beyond a predetermined minimum is detected.

IPC 1-7

G06T 7/00

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 03007244A1

Citation (examination)

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- OLIVER N ET AL: "LAFTER: lips and face real time tracker", COMPUTER VISION AND PATTERN RECOGNITION, 1997. PROCEEDINGS., 1997 IEEE COMPUTER SOCIETY CONFERENCE ON SAN JUAN, PUERTO RICO 17-19 JUNE 1997, LOS ALAMITOS, CA, USA,IEEE COMPUT. SOC, US, 17 June 1997 (1997-06-17), pages 123 - 129, XP010237512, ISBN: 978-0-8186-7822-6, DOI: 10.1109/CVPR.1997.609309

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