

Title (en)

METHOD AND APPARATUS FOR DETERMINING AN UNAUTHORIZED INTRUSION TO A DOOR

Title (de)

VERFAHREN UND VORRICHTUNG ZUM BESTIMMEN EINES UNBERECHTIGTEN EINDRINGENS AN EINER TÜR

Title (fr)

PROCEDE ET APPAREIL POUR DETERMINATION D'UNE INTRUSION NON AUTORISÉE PAR UNE PORTE

Publication

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Application

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Abstract (en)

[origin: WO2015110204A1] The invention relates to a method and a device for determining an unauthorized intrusion through a door. The method has the following steps: a) determining a movement path of the door on the basis of time in all three spatial axes by means of a receiving and analyzing device using a movement sensor (10) in an active mode; b) determining parameters in all three spatial axes on the basis of the door movement path on the basis of time, said movement path being determined using the movement sensor (10), by means of the receiving and analyzing device (12), the receiving and analyzing device (12) determining that an unauthorized intrusion is being carried out at the door if the actual value of the respective parameter lies within an assigned parameter range, which is stored in a storage device (19), for the unauthorized intrusion; c) determining an opening angle of the door by means of the receiving and analyzing device using an angle measuring sensor (11) if an unauthorized intrusion has been determined; and d) comparing the opening angle of the door with a threshold for a closed door by means of the receiving and analyzing device; wherein e) the receiving and analyzing device (12) determines the door is open if the opening angle exceeds the threshold for the closed door, and the receiving and analyzing device (12) outputs an alarm signal if the door is open.

IPC 8 full level

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