

Title (en)

METHOD AND SYSTEM FOR DETECTING A BODY IN A ZONE LOCATED PROXIMATE AN INTERFACE

Title (de)

VERFAHREN UND SYSTEM ZUR ERKENNUNG EINES KÖRPERS IN EINER ZONE IN DER NÄHE EINER GRENZFLÄCHE

Title (fr)

PROCEDE ET SYSTEME POUR DETECTER UN CORPS DANS UNE ZONE SITUEE A PROXIMITE D UNE INTERFACE

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Application

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Abstract (en)

[origin: US2007052697A1] The invention concerns a method and a system for detecting a body (801) in a zone (802) located proximate an interface (803). The body is illuminated by an electromagnetic radiation (804) comprising at least two different wavelengths, located in ranges corresponding to near infrared and to green-blue. The method comprises the following steps: selecting two wavelengths; providing, for each of said wavelengths, an image (805) of the interface and of the zone; extracting from said data of each image two sets of data (807) respectively representing at least one part of the body in the near infrared range and in the green-blue range; comparing said data sets (807). It is thus possible to detect the presence of a body by discriminating between a body entirely located beneath the interface and a body located at least partly above the interface.

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