Title (en)

VISION SENSOR FOR SECURITY SYSTEMS AND ITS OPERATING METHOD

Title (de)

VISION-SENSOR FÜR SICHERHEITSSYSTEME UND BETRIEBSVERFAHREN DAFÜR

Title (fr)

CAPTEUR DE VISION POUR DES SYSTEMES DE SECURITE ET SON PROCEDE DE FONCTIONNEMENT

Publication

EP 1929333 A1 20080611 (EN)

Application

EP 05794557 A 20050818

Priority

IT 2005000495 W 20050818

Abstract (en)

[origin: WO2007020666A1] Vision sensor (4) suitable for detecting the absence/presence of objects or persons inside at least one predetermined area (2) which has on its surface a geometrical reference shape (9); the vision sensor (4) comprises an image acquisition device (5) which is able to acquire, moment by moment, the image of the predetermined are (2); a processing unit (6) suitable for processing the image acquired from the predetermined area (2) in order to verify the absence/presence of objects or persons inside said area; and a projection device (8) which is suitable for generating an image which comprises the geometric reference shape (9) towards the predetermined area (2) so as to determine the projection of the geometric reference shape (9) on the surface of said predetermined area (2).

IPC 8 full level

G01V 8/10 (2006.01); **G06V 10/145** (2022.01); **G08B 13/194** (2006.01)

CPC (source: EP US)

F16P 3/142 (2013.01 - EP); **G01V 8/10** (2013.01 - EP US); **G06V 10/145** (2022.01 - EP US); **G06V 20/52** (2022.01 - EP US)

Citation (search report)

See references of WO 2007020666A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2007020666 A1 20070222; **WO 2007020666 A8 20070913**; EP 1929333 A1 20080611

DOCDB simple family (application)

IT 2005000495 W 20050818; EP 05794557 A 20050818