

Title (en)

Security system for an automation unit of motorised gates, doors or barriers

Title (de)

Sicherheitssystem für Automationsanlagen motorisierter Toren, Türen oder Schranken

Title (fr)

Système de sûreté pour une installation d'automatisation de portails, portes ou barrières motorisées.

Publication

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Application

EP 09157058 A 20090401

Priority

IT VI20080099 A 20080423

Abstract (en)

The invention concerns a security system for an automation unit for motorised gates, doors or barriers (4) which comprises at least one optical device (1) and a processor (5) able to process the images acquired by said device to detect the presence and/or movement of people or things in the volume surrounding the wing (3) of the gate, of the door or of the motorised barrier (4). The system is connected to the control unit (6) of the gate, of the barrier or of the wing for controlling a safety manoeuvre suitable for preventing any contact between said wing (3) and people or things present in said detection volume.

IPC 8 full level

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Citation (applicant)

- DE 19653026 A1 19970626 - GEZE GMBH & CO [DE]
- EP 1619469 A1 20060125 - BEA SA [BE]
- WO 2005048200 A2 20050526 - COGNEX CORP [US], et al

Cited by

DE102014110506A1; WO2019162447A1

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