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(54) **Safety system for automatic gate**

(57) Safety protection system for an automatic gate, said gate comprising at least one mobile wing (11, 12) adapted to cover an access passage (13) defined at its ends by fixed elements (14, 15) of said gate. The system

presents a plurality of infrared transmitters and receivers whose transmitted and received rays define a protected area corresponding to the dimensions of the operational surface of the gate; the interruption of one of said rays, generates a state of alarm.





EUROPEAN SEARCH REPORT

Application Number
EP 06 11 2363

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 15 July 2009	Examiner Meyer, Andrea
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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