

Title (en)
METHOD AND DEVICE FOR CONTROLLING THE POSITION OF AN AUTOMATIC DOOR

Publication
EP 0344404 B1 19930512 (DE)

Application
EP 89102434 A 19890213

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CH 210888 A 19880603

Abstract (en)
[origin: EP0344404A1] Method and device for controlling the position of an automatic door, the door position being controlled in dependence on the presence and behaviour of persons (7) in the fore-space and the automatic door. Persons (7) present on the fore-space area (5) of an entrance are subjected to infra-red radiation (3.1) in strips and the infra-red light reflexes (3.2) coming from the irradiated person (7) are recorded by an infra-red camera (1). A control and processing unit (10) generates signals for the door stop, door reversing, door opening and door closing. The infra-red camera has a vertically arranged LCD microshutter (1.2) and a vertically arranged CCD linear-image sensor (1.5), and signals are generated in the control and processing unit (10) in response to typical object-related contours of the reflex images (14) and their variations in time. For a better detection of relevant image signals, images with and without infra-red light (3.1) are recorded in turn. <IMAGE>

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B66B 1/34; E05F 15/20

IPC 8 full level
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CPC (source: EP US)
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