

Title (en)

Device for monitoring the passage of individuals in a corridor.

Title (de)

Überwachungsvorrichtung für einen Personenkorridor.

Title (fr)

Dispositif appliqué à la surveillance de passage de personnes dans un corridor.

Publication

**EP 0437757 B1 19940427 (DE)**

Application

**EP 90124363 A 19901217**

Priority

DE 4001219 A 19900117

Abstract (en)

[origin: EP0437757A2] In the device for monitoring a corridor (1), the corridor (1) is provided, for the purpose of establishing the number and the direction of passage of the individual persons or objects passing along the corridor (1), with a plurality of sensors and authorisation monitoring devices (21, 22), whose signals are detected by an evaluation and security unit, and fed to a control device. In order to avoid erroneous signals, and so that the monitoring device can manage with only one scanning device (13) and with a relatively simple evaluation electronics system operating with a higher reliability, there is arranged in each case in the direction of passage (arrow 35) in front of and behind a scanning zone (Z2), which is defined by two horizontal light barriers (LS1, LS2) and has a passive IR sensor (14), an optical scanner (LT1, LT2) whose signals are used to determine the direction of passage, to activate the scanning device (13), and together with the signals of the scanning device (13) to generate an activating or recording or clearance signal or an alarm or error signal. Moreover, a time control device is provided which checks the temporal sequence of the various signals and, if required, maintains the clearance of the corridor (1) or effects its closure. <IMAGE>

IPC 1-7

**G07C 9/00**

IPC 8 full level

**G07C 9/00** (2006.01)

CPC (source: EP)

**G07C 9/00** (2013.01)

Cited by

FR2844901A1; EP0908854A3; FR2713805A1; EA016966B1; FR2919413A1; US7617974B2; WO0175809A3; WO2009016311A3; EP0622761B1; WO03091955A1; WO2004059591A3

Designated contracting state (EPC)

AT CH FR GB LI NL

DOCDB simple family (publication)

**EP 0437757 A2 19910724; EP 0437757 A3 19911218; EP 0437757 B1 19940427; AT E105091 T1 19940515; DE 4001219 C1 19910425**

DOCDB simple family (application)

**EP 90124363 A 19901217; AT 90124363 T 19901217; DE 4001219 A 19900117**