

Title (en)

People counting system by pressure images

Title (de)

System zum Zählen von Personen mit Hilfe von Druckbildern

Title (fr)

Système de comptage de personnes par images de pression

Publication

EP 0992949 A2 20000412 (EN)

Application

EP 99500166 A 19990917

Priority

ES 9801987 A 19980922

Abstract (en)

This people counting system is composed of one or more sensor surfaces each one formed by independent pressure sensible cells in a bi-dimensional matrix arrangement, and frequently installed on a small dimension stair step, capable of providing a pressure image every few milliseconds; and of one or more pressure image analysing systems capable of collecting the images generated through the sensor surfaces and, by means of image processing methods, detect the number of footprints left on every surface during each sampling period, link the footprints detected on consecutive events, determine (by their past history) their moving direction, group the possible footprints of each person and count them on the correct direction when they leave the surface. <IMAGE>

IPC 1-7

G07C 9/00

IPC 8 full level

G06M 1/10 (2006.01); **G07C 9/00** (2006.01)

CPC (source: EP)

G06M 1/108 (2013.01); **G07C 9/00** (2013.01)

Citation (applicant)

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