

Title (en)

Protocol for detecting the presence of an individual or an item within a confined space and detection system for carrying out such a protocol

Title (de)

Protokoll zur Erfassung der Anwesenheit eines Individuums oder eines Gegenstandes in einem begrenzten Raum und System zum Durchführen eines solchen Protokolles

Title (fr)

Protocole de détection de la présence d'individus ou d'objets dans un espace délimité et système de détection destiné à mettre en oeuvre un tel protocole

Publication

**EP 1104919 B1 20060118 (FR)**

Application

**EP 99123768 A 19991130**

Priority

EP 99123768 A 19991130

Abstract (en)

[origin: EP1104919A1] The system uses specific regions where tickets may be validated, excluding areas where uncertainty may arise. The protocol provides for the detection of the presence of individuals or objects, provided with electronic tickets (14) within a defined space, such as the carriage on a transport system. The protocol anticipates the disclosure of tickets at the approach to, or in the entry corridor of the defined space. The ticket is localised by at least one measurement of distance. Given that in some areas there may be a margin of error which prevent accurate determination of the location of a ticket, such areas are excluded from the region in which ticket validation is carried out when the entry is open. The entry zone is defined by a field emitted by a transmitter (22) and received by the tickets.

IPC 8 full level

**G06Q 10/00** (2006.01); **G06Q 50/00** (2006.01); **G07B 15/02** (2011.01)

CPC (source: EP)

**G07B 15/02** (2013.01)

Cited by

EP1286311A1; EP3454305A1; FR3070786A1; WO2016203056A1; WO03017207A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**EP 1104919 A1 20010606**; **EP 1104919 B1 20060118**; AT E316276 T1 20060215; CA 2326921 A1 20010530; DE 69929492 D1 20060406; DE 69929492 T2 20060907; JP 2001216545 A 20010810; SG 93285 A1 20021217

DOCDB simple family (application)

**EP 99123768 A 19991130**; AT 99123768 T 19991130; CA 2326921 A 20001128; DE 69929492 T 19991130; JP 2000364384 A 20001130; SG 200006801 A 20001122