Title (en)
ACCESS CONTROL SYSTEM AND METHOD FOR OPERATING AN ACCESS CONTROL SYSTEM

Title (de)
ZUGANGSKONTROLLSYSTEM UND VERFAHREN ZUM BETREIBEN EINES ZUGANGSKONTROLLSYSTEMS

Title (fr)
SYSTÈME DE CONTRÔLE D'ACCÈS ET PROCÉDÉ DE FONCTIONNEMENT D'UN SYSTÈME DE CONTRÔLE D'ACCÈS

Publication
EP 3959483 A1 20220302 (DE)

Application
EP 20720061 A 20200424

Priority
• EP 19171358 A 20190426
• EP 2020061410 W 20200424

Abstract (en)
[origin: WO2020216877A1] In an access control system (1) for a building, a double door system (14) separates a restricted-access zone (20) from a public zone (22). Radio devices (6) are arranged at defined distances from the double door system (14) and define a monitoring area. A control device (10, 12) of the system (1) is communicatively connected to a building device (16), and a data storage device (18) stores processing instructions for situation-specific calibration modes. A signal processing device (8) analyses the radio communication in the monitoring area, determines at least one situation indicator therefrom which indicates a radio situation prevailing in the monitoring area and, for each radio device (6), captures a received signal strength indicator (RSSIi) on the basis of radio communication with a first mobile radio device (2). The signal processing device (8) selects a calibration mode assigned to the at least one situation indicator and reads the processing instructions assigned to this calibration mode from the data storage device (18). The signal processing device (8) determines a current position (P') of the first mobile radio device (2) as a function of the captured received signal strength indicators (RSSIi) according to the processing instructions which have been read.

IPC 8 full level
G01C 21/20 (2006.01); **G01S 5/02** (2010.01); **G01V 3/165** (2006.01); **G07C 9/28** (2020.01); **H04W 4/029** (2018.01); **H04W 4/33** (2018.01); **H04W 64/00** (2009.01)

CPC (source: EP US)
G01C 21/206 (2013.01 - EP); **G01S 5/021** (2013.01 - EP); **G01S 5/0278** (2013.01 - EP); **G07C 9/20** (2020.01 - US); **G07C 9/28** (2020.01 - EP); **H04W 4/029** (2018.02 - EP); **H04W 4/33** (2018.02 - EP); G07C 9/22 (2020.01 - EP); G07C 2209/61 (2013.01 - EP US); G07C 2209/63 (2013.01 - EP US)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
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DOCDB simple family (application)
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