

Title (en)

A TECHNIQUE FOR CONTROLLING PHYSICAL ACCESS OF A USER WITH RESPECT TO A DESIGNATED AREA

Title (de)

TECHNIK ZUR STEUERUNG DES PHYSIKALISCHEN ZUGANGS EINES BENUTZERS IN BEZUG AUF EINEN VORBESTIMMTEN BEREICH

Title (fr)

TECHNIQUE PERMETTANT DE COMMANDER L'ACCÈS PHYSIQUE D'UN UTILISATEUR PAR RAPPORT À UNE ZONE DÉSIGNÉE

Publication

**EP 3373261 A1 20180912 (EN)**

Application

**EP 17160095 A 20170309**

Priority

EP 17160095 A 20170309

Abstract (en)

In the present technique for controlling physical access of a user with respect to a designated area, one or more electromagnetic floor elements are positioned within the designated area. A current controller varies an electric current provided to the electromagnetic floor elements based on instructions received by the current controller, through a communication interface of the current controller. The instructions are indicative of an amount of electric current to be provided to the electromagnetic floor elements. One or more ferromagnetic elements are positioned on the user such that the ferromagnetic elements generate a haptic feedback, perceivable by the user, when the user is within the designated area. The haptic feedback is generated in response to the strength of magnetic field resulting from the ferromagnetic elements which in turn depends upon the amount of electric current provided to the electromagnetic floor elements.

IPC 8 full level

**G08B 6/00** (2006.01)

CPC (source: EP)

**G08B 6/00** (2013.01)

Citation (search report)

- [Y] CN 104346924 A 20150211 - WANG HAIPENG
- [Y] EP 0632419 A1 19950104 - NIPPON ROAD [JP], et al
- [A] JP H10113359 A 19980506 - OZAKI YORIYASU

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)

**EP 3373261 A1 20180912**

DOCDB simple family (application)

**EP 17160095 A 20170309**