

Title (en)

ACCESS CONTROL SYSTEM, PORTABLE USER DEVICE, AND METHOD OF CONTROLLING ACCESS

Title (de)

ZUGANGSSTEUERUNGSSYSTEM, TRAGBARE BENUTZERVORRICHTUNG UND VERFAHREN ZUR ZUGANGSSTEUERUNG

Title (fr)

SYSTÈME DE CONTRÔLE D'ACCÈS, DISPOSITIF UTILISATEUR PORTABLE ET PROCÉDÉ DE CONTRÔLE D'ACCÈS

Publication

**EP 3300033 A1 20180328 (EN)**

Application

**EP 16190310 A 20160923**

Priority

EP 16190310 A 20160923

Abstract (en)

An access control system (10) comprises a radio interface (12) configured to communicate with a portable user device (20), an electroacoustic transducer (13, 14), and a control circuit (11). The control circuit (11) is configured to selectively activate an actuator (7) in an access grant procedure based on a propagation time of the acoustic signal between the electroacoustic transducer (13, 14) and the portable user device (20).

IPC 8 full level

**G07C 9/00** (2006.01)

CPC (source: EP)

**G07C 9/00309** (2013.01); **G07C 2009/00357** (2013.01); **G07C 2009/00373** (2013.01); **G07C 2209/63** (2013.01)

Citation (applicant)

- EP 2620919 A1 20130731 - SIMONSSVOSS TECHNOLOGIES AG [DE]
- US 2016066254 A1 20160303 - COLBY ROBERT A [US], et al

Citation (search report)

- [XYI] US 2015184628 A1 20150702 - FAN ZHIGANG [US]
- [YA] WO 2012078158 A1 20120614 - UTC FIRE & SECURITY CORP [US], et al
- [Y] US 2014077929 A1 20140320 - DUMAS PHILIP C [US], et al
- [Y] EP 2701124 A1 20140226 - BEKEY AS [DK]
- [Y] US 2014265359 A1 20140918 - CHENG SHIH YU THOMAS [US], et al

Cited by

EP3739816A1; EP4254367A1; SE1951458A1; SE544292C2; JP2019120016A; JP2019120015A; JP2019120017A; WO2019243316A1; US11270536B2

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 3300033 A1 20180328; EP 3300033 B1 20201216**

DOCDB simple family (application)

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