

Title (en)

METHODS AND SYSTEMS FOR ACCESS CONTROL AND AWARENESS MANAGEMENT

Title (de)

VERFAHREN UND SYSTEME FÜR ZUGANGSKONTROLLE UND BEWUSSTSEINSVERWALTUNG

Title (fr)

PROCÉDÉS ET SYSTÈMES DE GESTION DE CONTRÔLE D'ACCÈS ET DE SENSIBILISATION

Publication

**EP 3510566 A4 20200429 (EN)**

Application

**EP 17849488 A 20170906**

Priority

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- US 2017050353 W 20170906

Abstract (en)

[origin: WO2018048956A1] Systems and methods for access control management designed for multi-unit buildings are provided. The disclosed systems can use mobile devices, a local mesh network, access control devices, and wireless communication to facilitate multi-unit real estate management. Mobile devices can download and use credentials to access appropriate areas and units in a building through local wireless communications with access control devices.

IPC 8 full level

**G07C 9/00** (2020.01); **H04L 29/06** (2006.01); **H04W 12/06** (2009.01)

CPC (source: CN EP)

**G07C 9/00174** (2013.01 - CN); **G07C 9/00571** (2013.01 - EP); **G07C 9/00904** (2013.01 - EP); **H04L 67/12** (2013.01 - EP);  
**H04W 12/06** (2013.01 - CN); **H04W 12/08** (2013.01 - EP); **G07C 9/0069** (2013.01 - EP); **G07C 2009/00396** (2013.01 - EP);  
**G07C 2009/00642** (2013.01 - EP); **G07C 2009/00769** (2013.01 - EP); **G07C 2209/08** (2013.01 - EP); **G07C 2209/64** (2013.01 - EP);  
**H04L 63/10** (2013.01 - EP); **H04W 12/43** (2021.01 - EP); **H04W 84/18** (2013.01 - EP)

Citation (search report)

- [XI] US 2013335193 A1 20131219 - HANSON PAUL [CA], et al
- [I] WO 2012023153 A1 20120223 - PULIADI EKNATH RAMKRISHNAMURTI [IN], et al
- See references of WO 2018048956A1

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US11821236B1

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

DOCDB simple family (publication)

**WO 2018048956 A1 20180315**; AU 2017324945 A1 20190328; AU 2023210587 A1 20230824; CN 109923592 A 20190621;  
CN 109923592 B 20211105; CN 113989959 A 20220128; EP 3510566 A1 20190717; EP 3510566 A4 20200429; JP 2019536176 A 20191212;  
JP 6970201 B2 20211124

DOCDB simple family (application)

**US 2017050353 W 20170906**; AU 2017324945 A 20170906; AU 2023210587 A 20230802; CN 201780068142 A 20170906;  
CN 202111209368 A 20170906; EP 17849488 A 20170906; JP 2019533308 A 20170906