Title (en)

SYSTEM FOR ANTI-SPOOFING BEACON NETWORK AND CLOUD BASED ADMINISTRATION OF RELATED CONTENT

Title (de)

SYSTEM FÜR ANTI-SPOOFING-BAKENNETZWERK UND CLOUDBASIERTE VERWALTUNG VON ZUGEHÖRIGEM INHALT

Title (fr)

SYSTÈME POUR RÉSEAU DE BALISES ANTI-ARNAQUE ET ADMINISTRATION BASÉE SUR UN NUAGE DE CONTENU ASSOCIÉ

Publication

EP 3272062 A4 20181121 (EN)

Application

EP 16769507 A 20160321

Priority
- US 201562136157 P 20150320
- US 201562152659 P 20150424
- US 2016023446 W 20160321

Abstract (en)

[origin: WO2016154129A1] A distributed beacon network and cloud-based management system (100) are disclosed. The beacons (102) are each configured to transmit wireless messages comprising a unique identifier generated using respective asymmetric key pairs. An administrator is enabled via a hosted web portal to remotely designate content in association with beacons, as well as proximity settings, content tags, etc. A mobile device (104) proximate to one or more beacons receives their messages via an open browser and forwards an associated content request to a hosted server. The server authenticates the beacons by retrieving and implementing the respective asymmetric key pairs. Upon authentication, the server provides access via the device browser to content designated for one or more of the beacons, and corresponding to the proximity settings and content tags. Content is provided via hosted web portals, or by redirection of the browser to third party URLs designated via the administrator interface.

IPC 8 full level

H04L 29/08 (2006.01); **H04W 4/021** (2018.01); **H04W 4/80** (2018.01); H04L 9/32 (2006.01)

CPC (source: EP)

H04L 67/02 (2013.01); **H04L 67/563** (2022.05); **H04L 67/63** (2022.05); **H04W 4/021** (2013.01); **H04W 4/80** (2018.01); H04L 9/3247 (2013.01)

Citation (search report)
- [A] US 2014181256 A1 20140626 - TRIFA VLAD [CH], et al
- [A] EP 2579622 A1 20130410 - THINGLINK OY [FI]
- [A] US 2008162141 A1 20080703 - LORTZ VICTOR B [US]
- See references of WO 2016154129A1

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 2016154129 A1 20160929; CA 2980498 A1 20160929; EP 3272062 A1 20180124; EP 3272062 A4 20181121

DOCDB simple family (application)

US 2016023446 W 20160321; CA 2980498 A 20160321; EP 16769507 A 20160321