

Title (en)
CLIENT NODE DEVICE OF A DISTRIBUTED ANTENNA SYSTEM

Title (de)
CLIENT-KNOTENVORRICHTUNG EINES VERTEILTEN ANTENNENSYSTEMS

Title (fr)
DISPOSITIF DE NOEUD CLIENT D'UN SYSTÈME D'ANTENNE DISTRIBUÉ

Publication
EP 3469716 A1 20190417 (EN)

Application
EP 17731377 A 20170606

Priority

- US 201615179319 A 20160610
- US 2017036159 W 20170606

Abstract (en)
[origin: WO2017214150A1] Aspects of the subject disclosure relate to a client node device of a distributed antenna system comprising: a first wireless receiver configured to wirelessly receive first channel signals and a reference signal from a host node device of the distributed antenna system; an amplifier configured to amplify the first channel signals and the reference signal to generate amplified first channel signals and an amplified reference signal; a first wireless transmitter configured to wirelessly transmit the amplified first channel signals and the amplified reference signal to an other client node device of the distributed antenna system; and a second wireless transmitter configured to convert, based on the amplified reference signal, one or more of the amplified first channel signals to a spectral segment for communication as free space wireless signals to at least one client device via an antenna of the distributed antenna system, wherein the amplified reference signal reduces a phase error in converting the amplified first channel signals to the spectral segment.

IPC 8 full level
H04B 1/40 (2015.01); **H01P 3/10** (2006.01); **H04B 1/04** (2006.01); **H04B 3/52** (2006.01); **H04B 3/54** (2006.01); **H04B 7/155** (2006.01); **H04W 88/08** (2009.01)

CPC (source: EP KR)
H04B 1/0475 (2013.01 - KR); **H04B 1/40** (2013.01 - EP KR); **H04B 3/52** (2013.01 - KR); **H04B 3/54** (2013.01 - KR); **H04B 7/15535** (2013.01 - EP KR); **H04B 7/15542** (2013.01 - KR); **H01Q 1/246** (2013.01 - EP); **H04B 1/0475** (2013.01 - EP); **H04B 3/52** (2013.01 - EP); **H04B 3/54** (2013.01 - EP); **H04B 2001/0491** (2013.01 - KR)

Citation (search report)
See references of WO 2017214150A1

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)
WO 2017214150 A1 20171214; AU 2017278362 A1 20190124; BR 112018075592 A2 20190326; CA 3025882 A1 20171214; CN 109314568 A 20190205; EP 3469716 A1 20190417; JP 2019526186 A 20190912; KR 20190017894 A 20190220; MX 2018015294 A 20190409

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US 2017036159 W 20170606; AU 2017278362 A 20170606; BR 112018075592 A 20170606; CA 3025882 A 20170606; CN 201780036027 A 20170606; EP 17731377 A 20170606; JP 2018564837 A 20170606; KR 20197000460 A 20170606; MX 2018015294 A 20170606