

Title (en)
REMOTELY RECONFIGURABLE DISTRIBUTED ANTENNA SYSTEM AND METHODS

Title (de)
REMOTE REKONFIGURIERBARES VERTEILTES ANTENNENSYSTEM UND VERFAHREN DAFÜR

Title (fr)
SYSTÈME D'ANTENNES DISTRIBUÉ RECONFIGURABLE À DISTANCE ET SES PROCÉDÉS

Publication
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Application
EP 11818695 A 20110816

Priority

- US 92893110 A 20101221
- US 92894310 A 20101221
- US 201161439940 P 20110207
- US 37459310 P 20100817
- US 92893310 A 20101221
- US 92893410 A 20101221
- US 38283610 P 20100914
- US 2011047999 W 20110816

Abstract (en)
[origin: WO2012024345A2] The present disclosure is a novel utility of a software defined radio (SDR) based Distributed Antenna System (DAS) that is field reconfigurable and support multi-modulation schemes (modulation-independent), multi-carriers, multi-frequency bands and multi-channels. The present disclosure enables a high degree of flexibility to manage, control, enhance, facilitate the usage and performance of a distributed wireless network such as flexible simulcast, automatic traffic load- balancing, network and radio resource optimization, network calibration, autonomous/assisted commissioning, carrier pooling, automatic frequency selection, frequency carrier placement, traffic monitoring, traffic tagging, pilot beacon, etc. As a result, the SDR DAS can increase the efficiency and traffic capacity of the operators' wireless network.

IPC 8 full level
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G06F 15/177 (2013.01 - KR); **H04B 7/0817** (2013.01 - KR); **H04B 10/25753** (2013.01 - EP); **H04L 12/6418** (2013.01 - EP); **H04L 25/02** (2013.01 - KR); **H04L 67/1001** (2022.05 - EP); **H04W 88/085** (2013.01 - EP); **H04B 7/022** (2013.01 - EP); **H04L 47/125** (2013.01 - EP); **H04W 64/00** (2013.01 - EP); **H04W 72/52** (2023.01 - EP)

Citation (search report)

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- See also references of WO 2012024345A2

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WO 2012024345 A2 20120223; WO 2012024345 A3 20130523; EP 2606571 A2 20130626; EP 2606571 A4 20180103; EP 4057769 A1 20220914; EP 4319477 A2 20240207; EP 4319477 A3 20240417; JP 2013541255 A 20131107; JP 2013541875 A 20131114; JP 2014500635 A 20140109; JP 2016067037 A 20160428; JP 2016197899 A 20161124; JP 2017011747 A 20170112; JP 2017169223 A 20170921; JP 2018186535 A 20181122; JP 2019068469 A 20190425; JP 2020188508 A 20201119; JP 2021064972 A 20210422; JP 5859538 B2 20160210; JP 5911149 B2 20160511; JP 6005646 B2 20161012; JP 6144327 B2 20170607; JP 6364109 B2 20180725; JP 6405342 B2 20181017; JP 6463707 B2 20190206; JP 6675444 B2 20200401; JP 6825017 B2 20210203; KR 101610447 B1 20160408; KR 101662879 B1 20161005; KR 20130136452 A 20131212; KR 20130138748 A 20131219

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