

Title (en)

PASSIVE AUTOMATIC ANTENNA TUNING BASED ON RECEIVED-SIGNAL ANALYSIS

Title (de)

PASSIVE AUTOMATISCHE ANTENNENABSTIMMUNG BASIEREND AUF DER ANALYSE EMPFANGENER SIGNALE

Title (fr)

ACCORD D'ANTENNE PASSIF ET AUTOMATIQUE BASÉ SUR UNE ANALYSE DE SIGNAL REÇU

Publication

EP 3205019 A4 20180711 (EN)

Application

EP 15848814 A 20151002

Priority

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- IB 2015053341 W 20150507
- IB 2015057545 W 20151002

Abstract (en)

[origin: WO2016055914A1] A method includes receiving a signal from a remote transmitter via an electrically- tunable antenna (32, 36) having a tunable element (34, 38, 98). An adjustment, to be applied to a response of the electrically-tunable antenna, is calculating by analyzing the received signal. The response of the electrically-tunable antenna is adapted by controlling the tunable element responsively to the estimated adjustment.

IPC 8 full level

H03H 7/40 (2006.01)

CPC (source: EP)

H03H 7/40 (2013.01)

Citation (search report)

- [XAI] US 2013196610 A1 20130801 - SANJI KENICHIRO [JP], et al
- [XAI] WO 2007104343 A1 20070920 - FREESCALE SEMICONDUCTOR INC [US], et al
- [XAI] US 2010144295 A1 20100610 - KROEGER BRIAN WILLIAM [US], et al
- [XAI] US 2012064894 A1 20120315 - LIU YINONG [CN], et al
- [XAI] US 5483688 A 19960109 - ENGLISH JAMES D [US], et al
- See references of WO 2016055914A1

Designated contracting state (EPC)

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DOCDB simple family (application)

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