

Title (en)

Method and apparatus for controlling an antenna

Title (de)

Verfahren und Vorrichtung zur Steuerung einer Antenne

Title (fr)

Procédé et appareil pour commander une antenne

Publication

**EP 2677598 B1 20180808 (EN)**

Application

**EP 12173169 A 20120622**

Priority

EP 12173169 A 20120622

Abstract (en)

[origin: EP2677598A1] A method and apparatus for controlling an antenna is provided. A load on a second antenna of a device is determined, the device comprising at least one processor, a first antenna, a variable tuning circuit connected to the first antenna, and the second antenna, wherein the processor determines the load. The processor controls the variable tuning circuit based on the load on the second antenna to change a match of the first antenna.

IPC 8 full level

**H01Q 1/24** (2006.01); **H01Q 21/28** (2006.01); **H04B 1/04** (2006.01); **H04B 1/38** (2015.01)

CPC (source: EP)

**H01Q 1/242** (2013.01); **H01Q 21/28** (2013.01)

Cited by

CN111092295A; EP3890198A1; CN113497642A; WO2021066474A1

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)

**EP 2677598 A1 20131225; EP 2677598 B1 20180808;** CA 2818148 A1 20131222; CA 2818148 C 20161108

DOCDB simple family (application)

**EP 12173169 A 20120622;** CA 2818148 A 20130606