

Title (en)

Method and device for the neutralisation of a target

Title (de)

Verfahren und Vorrichtung zur Neutralisierung eines Ziels

Title (fr)

Procédé et dispositif de neutralisation d'une cible

Publication

EP 2472215 B1 20130828 (FR)

Application

EP 11306780 A 20111227

Priority

FR 1005160 A 20101229

Abstract (en)

[origin: EP2472215A1] The method involves transmitting a test signal (110) by antenna probe to a target, and receiving a set of waves scattered by the target through an array of antennas in response to the signal. A value representative of amplitude of the waves is measured based on radiofrequency wave transmission test frequencies. Privileged transmission frequency is selected (114) for each antenna based on the value. The radiofrequency wave is transmitted to the target by each antenna at the frequency with phase assuring coherent addition of radiofrequency waves emitted by antennas on the target. An independent claim is also included for a device for neutralizing a target, comprising an antenna probe.

IPC 8 full level

F41H 13/00 (2006.01)

CPC (source: EP US)

F41H 13/0043 (2013.01 - EP US); **F41H 13/0075** (2013.01 - EP US); **H04K 3/42** (2013.01 - EP US); **H04K 3/45** (2013.01 - EP US); **H04K 3/62** (2013.01 - EP US); **H04K 3/65** (2013.01 - EP US); **H04K 2203/24** (2013.01 - EP US); **H04K 2203/32** (2013.01 - EP US); **H04K 2203/34** (2013.01 - EP US)

Cited by

EP3279603A1; CN112769410A; US10415937B2

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 2472215 A1 20120704; **EP 2472215 B1 20130828**; FR 2970072 A1 20120706; FR 2970072 B1 20130208; US 2012212363 A1 20120823

DOCDB simple family (application)

EP 11306780 A 20111227; FR 1005160 A 20101229; US 201113337826 A 20111227