

Title (en)
JAMMING METHOD AND DEVICE WITH CONFINED LINEAR EFFECT

Title (de)
STÖRVERFAHREN UND VORRICHTUNG MIT BEGRENZTEM LINEAREM EFFEKT

Title (fr)
PROCEDE ET DISPOSITIF DE BROUILLAGE A EFFET LINEIQUE CONFINE

Publication
EP 3080869 A1 20161019 (FR)

Application
EP 14816179 A 20141210

Priority
• FR 1302900 A 20131211
• EP 2014077249 W 20141210

Abstract (en)
[origin: CA2933410A1] A confined jamming device and method arranged in a coverage area in which may be found prohibited radio communication devices the operation of which it is sought to be prevented, characterized in that said device comprises at least the following elements: at least one linear element (1) comprising a plurality of openings O_i enabling interference signals to be radiated, the linear aerial being connected to one or more effectors via a connector (3), · said generating effector element or elements (2) being suitable for injecting one or a plurality of interference signals at at least one end of the linear aerial (1), the power flux $P_{j,f}$ of the interference signal $J_{j,f}$ in the band $B_{j,f}$ of a carrier f is selected such that the ratio $PS_{j,f}/PJ_{j,f}$, between the power flux $PS_{j,f}$ of the signal $S_{j,f}$ potentially usable by the prohibited device on the carrier f and the power flux $PJ_{j,f}$, of the signal $J_{j,f}$ present on the carrier f for preventing operation of the prohibited device are less than an operating threshold $Seuil_{S_{j,t}}$ of the prohibited device.

IPC 8 full level
H01Q 13/20 (2006.01); **H01K 3/00** (2006.01)

CPC (source: EP)
H01Q 13/203 (2013.01); **H04K 3/43** (2013.01); **H04K 3/45** (2013.01); **H04K 2203/16** (2013.01); **H04K 2203/32** (2013.01); **H04K 2203/34** (2013.01)

Citation (search report)
See references of WO 2015086690A1

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)
FR 3014618 A1 20150612; FR 3014618 B1 20170310; CA 2933410 A1 20150618; EP 3080869 A1 20161019; EP 3080869 B1 20180502; ES 2681276 T3 20180912; MX 2016007610 A 20170315; MX 367816 B 20190906; PT 3080869 T 20180727; SG 11201604796P A 20160728; WO 2015086690 A1 20150618

DOCDB simple family (application)
FR 1302900 A 20131211; CA 2933410 A 20141210; EP 14816179 A 20141210; EP 2014077249 W 20141210; ES 14816179 T 20141210; MX 2016007610 A 20141210; PT 14816179 T 20141210; SG 11201604796P A 20141210