

Title (en)

METHOD FOR OPERATING AN ARRAY-BASED RAY PIVOTABLE ANTENNA AND ARRANGEMENT AND USE THEREOF

Title (de)

VERFAHREN ZUM BETREIBEN EINER ARRAYBASIERTEN STRAHL SCHWENKBAREN ANTENNE SOWIE ANORDNUNG UND VERWENDUNG

Title (fr)

PROCÉDÉ POUR FAIRE FONCTIONNER UNE ANTENNE EN RÉSEAU À FAISCEAU PIVOTANT, ENSEMBLE ANTENNE ET SON UTILISATION

Publication

**EP 2215689 A1 20100811 (DE)**

Application

**EP 08804766 A 20080926**

Priority

- EP 2008062884 W 20080926
- DE 102007056910 A 20071126

Abstract (en)

[origin: WO2009068337A1] In order to operate an array-based ray pivotable antenna as a function of the frequency, the ray widths of the radiation beam are varied as a function of direction by switching (51) on or off individual elements (1) or groups of individual elements of the array.

IPC 8 full level

**H01Q 3/22** (2006.01); **H01Q 1/32** (2006.01); **H01Q 25/00** (2006.01); **G01S 13/931** (2020.01)

CPC (source: EP)

**G01S 13/426** (2013.01); **H01Q 1/3233** (2013.01); **H01Q 3/22** (2013.01); **H01Q 25/002** (2013.01); **G01S 13/931** (2013.01);  
**G01S 2013/9321** (2013.01); **G01S 2013/93271** (2020.01)

Citation (search report)

See references of WO 2009068337A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

**DE 102007056910 A1 20090528**; EP 2215689 A1 20100811; WO 2009068337 A1 20090604

DOCDB simple family (application)

**DE 102007056910 A 20071126**; EP 08804766 A 20080926; EP 2008062884 W 20080926