

Title (en)

VARIABLE STAGGER REFLECTOR FOR AZIMUTH BEAM WIDTH CONTROLLED ANTENNA

Title (de)

VARIABEL GESTAFFELTER REFLEKTOR FÜR EINE AZIMUTSTRAHLBREITENGESTEUERTE ANTENNE

Title (fr)

REFLECTEUR A ETAGE VARIABLE DESTINE A UNE ANTENNE COMMANDEE PAR LARGEUR DE FAISCEAU A AZIMUT

Publication

EP 2218119 A4 20110525 (EN)

Application

EP 08847232 A 20081106

Priority

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- US 263507 P 20071109

Abstract (en)

[origin: WO2009061966A1] An antenna array (100) with variably controlled reflector stagger is disclosed. The antenna array (100) contains a plurality of driven radiating elements (110, 120) that are spatially arranged having each radiating element or element groups orthogonally movable relative to a main vertical axis. This configuration provides a controlled variation of the antenna array's azimuth radiation pattern without excessive side lobe radiation over a full range of settings.

IPC 8 full level

H01L 35/00 (2006.01); **H01Q 3/01** (2006.01)

CPC (source: EP)

H01Q 3/01 (2013.01); **H01Q 21/08** (2013.01)

Citation (search report)

- [XP] US 2008246681 A1 20081009 - DENG GANG YI [US], et al
- [E] WO 2008156633 A2 20081224 - POWERWAVE TECHNOLOGIES INC [US], et al
- [A] JP H04122102 A 19920422 - OMRON TATEISI ELECTRONICS CO, et al
- [A] US 2007205952 A1 20070906 - DENG GANG YI [US], et al
- See references of WO 2009061966A1

Designated contracting state (EPC)

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