

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 A1 20100818 (EN)**

Application

**EP 08847232 A 20081106**

Priority

- US 2008082697 W 20081106
- 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

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