

Title (en)

Aircraft antenna with correction of errors introduced by a coning of the antenna beam and by aircraft banking

Title (de)

Flugzeugantenne mit Korrektur von Fehlern, verursacht durch die konische Form des Antennenstrahls und durch Flugzeugschräglage

Title (fr)

Antenne d'avion avec correction des erreurs provoquées par la forme conique du faisceau et par l'inclinaison de l'avion

Publication

EP 0459616 B1 19960911 (EN)

Application

EP 91303352 A 19910416

Priority

US 52983690 A 19900529

Abstract (en)

[origin: EP0459616A2] Array antennas (120) for aircraft use have a shiftable center of radiation. The antenna beam of a group of laterally spaced array antennas (110,112,114,116,118) is steered and the beam shape is controlled by relative shifting (122) of the centers of radiation of the arrays. Beam tilting in a fuselage mounted system of array antennas uses controlled selection of active antennas. <IMAGE>

IPC 1-7

H01Q 3/24; **H01Q 21/08**; **H01Q 1/28**

IPC 8 full level

G01S 7/03 (2006.01); **H01Q 1/28** (2006.01); **H01Q 3/24** (2006.01); **H01Q 3/26** (2006.01); **H01Q 21/06** (2006.01); **H01Q 21/08** (2006.01)

CPC (source: EP KR)

H01Q 1/28 (2013.01 - KR); **H01Q 1/283** (2013.01 - EP); **H01Q 3/24** (2013.01 - EP); **H01Q 21/08** (2013.01 - EP)

Cited by

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