

Title (en)

AIRCRAFT ANTENNA WITH CORRECTION OF ERRORS INTRODUCED BY A CONING OF THE ANTENNA BEAM AND BY AIRCRAFT BANKING

Publication

EP 0459616 A3 19920226 (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)

Citation (search report)

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