

Title (en)

System and method for a radio frequency (RF) transition design for a phased array antenna system utilizing a beam forming network

Title (de)

System und Verfahren zum Entwurf einer Funkfrequenz-Übertragung für ein Phasenarray-Antennensystem mit einem strahlungsabgebenden Netzwerk

Title (fr)

Système et procédé pour une conception de transmission radiofréquence (RF) pour un système d'antenne réseau à commande de phase utilisant un réseau à réalisation de faisceau

Publication

EP 2006956 A3 20090211 (EN)

Application

EP 08252104 A 20080619

Priority

- US 76712907 A 20070622
- US 76717007 A 20070622

Abstract (en)

[origin: EP2006956A2] In accordance with an embodiment, a phased array antenna system includes a printed wiring board (102) formed in rhombic shape that accommodates requirements for low observability, a beam forming network (100) located within the printed wiring board, wherein the beam forming network is located over substantially the entire printed wiring board, and a plurality of connectors (502, 504) located on the backside of the printed wiring board configured to allow for expansion of the system.

IPC 8 full level

H01P 5/107 (2006.01); **H01Q 21/00** (2006.01); **H01Q 21/06** (2006.01)

CPC (source: EP)

H01P 5/085 (2013.01); **H01P 5/107** (2013.01); **H01Q 21/0025** (2013.01); **H01Q 21/0075** (2013.01); **H01Q 21/0087** (2013.01); **H01Q 21/064** (2013.01)

Citation (search report)

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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)

EP 2006956 A2 20081224; EP 2006956 A3 20090211; EP 2006956 B1 20171213

DOCDB simple family (application)

EP 08252104 A 20080619