

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 B1 20171213 (EN)

Application

EP 08252104 A 20080619

Priority

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- 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

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CPC (source: EP)

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Cited by

CN113824456A; WO2014005699A1; US7609210B2; US9532234B2; US9660352B2; US9716321B2; US10211543B2

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