

Title (en)

Beam forming network for a butler matrix fed circular array.

Title (de)

Strahlformungsnetzwerk für eine Butler-Matrix gespeiste zirkulare Antennengruppe.

Title (fr)

Circuit de formation de faisceau pour un réseau circulaire alimenté par matrice de Butler.

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Application

EP 86115004 A 19861029

Priority

US 80291785 A 19851129

Abstract (en)

A beam forming network is described for generating a difference beam in a first direction with an omnidirectional sidelobe in other directions incorporating a plurality of hybrid circuits and a plurality of directional couplers coupled together. The invention overcomes the problem of requiring a more complex circuit for generating a difference beam with an omnidirectional sidelobe.

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IPC 8 full level

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CPC (source: EP)

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