

Title (en)
WILKINSON POWER DIVIDER INTEGRATED INTO A PRINTED CIRCUIT AND MICROWAVE DEVICE COMPRISING SUCH A POWER DIVIDER

Title (de)
IN EINE LEITERPLATTE INTEGRIERTER WILKINSON-LEISTUNGSTEILER UND MIKROWELLENANORDNUNG MIT EINEM SOLCHEN LEISTUNGSTEILER

Title (fr)
COUPLEUR DE WILKINSON INTÉGRÉ DANS UN CIRCUIT IMPRIMÉ ET DISPOSITIF HYPERFRÉQUENCE COMPORTANT UN TEL COUPLEUR

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Application
EP 10725754 A 20100621

Priority

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Abstract (en)
[origin: WO2011003724A1] The invention relates to a Wilkinson power divider mounted on a printed circuit which comprises a first access port (1) connected to a second port access (2) and a third access port (3) via two metal transmission lines (4, 5) with a same length and a load resistor (Rc) mounted in short-circuit between the second and third access ports (2, 3), characterised in that the load resistor (Rc) consists of three adjacent, separate resistors (R1, R2, R3) connected together. The power divider can be used in particular in the field of satellite antennas and specifically in arrays for forming antenna beams.

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