

Title (en)
TRANSMITTING/RECEIVING ANTENNA WITH RADIATION DIVERSITY

Title (de)
SENDE-/EMPFANGSANTENNE MIT STRAHLUNGSDIVERSITÄT

Title (fr)
ANTENNE D'EMISSION/RECEPTION A DIVERSITE DE RAYONNEMENT

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Application
EP 06820310 A 20061018

Priority
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Abstract (en)
[origin: WO2007048958A1] The invention concerns a transmitting/receiving antenna with radiation diversity comprising on a substrate at least first and second radiating elements (10, 11) connected via a network of power supply lines to an electromagnetic signal transmitter/receiver circuit, wherein the network consists of a first power supply line (22) connected to a first radiating element (10) and of an assembly of two second power supply lines (24, 25) each connected via a switching element (D1, D2) to the second radiating element (11) so as to supply the two radiating elements in phase or in opposite phase, the assembly of the two second power supply lines being connected to the first power supply line by a third power supply line (25), the first and third power supply lines being connected via a common power supply line to the electromagnetic signal transmitter/receiver circuit.

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