

A B S T R A C T

A DEVICE FOR TRANSMITTING AND RECEIVING CIRCULARLY
POLARIZED MICROWAVES

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The invention relates to a device for transmitting and receiving microwaves including a planar radiating element. The device is characterized in that the radiating element (60) has substantially orthogonal transmit and receive ports (68, 66) and the relative phase of the transmit and receive signals and the shape of the radiating element are such that the transmit and receive signals, whose frequencies are different, are circularly polarized in opposite directions.

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Translation of the title and the abstract as they were when originally filed by the Applicant. No account has been taken of any changes that may have been made subsequently by the PCT Authorities acting ex officio, e.g. under PCT Rules 37.2, 38.2, and/or 48.3.

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