

A B S T R A C T

The patch of the antenna of the device has a rear edge provided with a short-circuit enabling a quarter-wave resonance to be established. A half-wave resonance can also be established between two lateral edges of the patch. The same coupling device couples the antenna to a transmitter or receiver for each of the two resonant frequencies. It includes a coupling strip penetrating the patch between the edges of a slot extending from one lateral edge.

The invention applies in particular to producing a dual mode mobile telephone system using the GSM and DCS standards.

This Sheet Has Been Replaced

