

Title (en)  
A HYBRID ANTENNA SYSTEM FOR A PORTABLE WIRELESS COMMUNICATION DEVICE

Title (de)  
HYBRIDES ANTENNENSYSYSTEM FUR EIN TRAGBARES SCHNURLOSES KOMMUNIKATIONSGERÄT

Title (fr)  
SYSTEME D'ANTENNE HYBRIDE POUR UN DISPOSITIF DE COMMUNICATION SANS FIL

Publication  
**EP 1261996 A1 20021204 (EN)**

Application  
**EP 00912143 A 20000303**

Priority  
US 0005462 W 20000303

Abstract (en)  
[origin: WO0167546A1] A hybrid antenna system for a portable Wireless Communication Device (WCD) includes a concealed, internal shielded substrate antenna fixedly mounted to and wholly internally within a casing of the portable WCD. The hybrid antenna system also includes a displaceable antenna, such as a whip antenna, that is selectively extendable from and retractable within the casing. The antenna system includes a mechanism for electrically connecting the displaceable antenna to internal RF circuitry of the portable WCD when the displaceable antenna is in an extended position and for electrically isolating the displaceable antenna from the internal RF circuitry when the displaceable antenna is in a retracted position within the casing.

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