

Title (en)
OMNI DIRECTIONAL ANTENNA WITH MULTIPLE POLARIZATIONS

Title (de)
RUNDSTRAHLENDE ANTENNE MIT MEHREREN POLARISATIONEN

Title (fr)
ANTENNE EQUIDIRECTIVE A POLARISATION MULTIPLE

Publication
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Application
EP 01975471 A 20010926

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• US 67577400 A 20000927
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Abstract (en)
[origin: WO0227862A1] An omni-directional antenna assembly is provided for wireless communications device (10) requiring multiple polarization characteristics. An antenna assembly for a communication device operation at a predetermined wavelength and having a transceiver circuit including a signal output and a ground plane, the antenna assembly including a conductive planar element (14) disposed away from the ground plane (20) and a conductive leg member (26) coupled to the planar element proximate a perimeter, the planar element being disposed a distance away from the ground plane of the communication device to define a region capable of receiving one or more components (82) associated with the wireless communication device.

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H01Q 1/24; **H01Q 7/00**; **H01Q 9/04**

IPC 8 full level
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Citation (search report)
• [Y] US 4924237 A 19900508 - HONDA KAZUHIRO [JP], et al
• [Y] US 5945959 A 19990831 - TANIDOKORO HIROAKI [JP], et al
• [Y] GB 2289163 A 19951108 - QUANTUM COMMUNICATIONS GROUP I [US]
• [A] US 5977921 A 19991102 - NICCOLAI LUCA [IT], et al
• See references of WO 0227862A1

Designated contracting state (EPC)
DE FR GB

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