

Title (en)

ANTENNA AND SMALL PORTABLE RADIO DEVICE

Title (de)

ANTENNE UND KLEINES, TRAGBARES FUNKGERÄT

Title (fr)

ANTENNE ET PETIT APPAREIL RADIO PORTATIF

Publication

EP 0538485 B1 19970122 (EN)

Application

EP 92909642 A 19920506

Priority

- JP 9200581 W 19920506
- JP 10424591 A 19910509
- JP 25377391 A 19911001

Abstract (en)

[origin: WO9220117A1] An antenna which can provide a radio device stable and highly sensitive irrespective of its attitude or its carried direction and of the effect of the proximity to a human body when it is carried with the human body. When the radio device having this antenna is not carried with a human body, regardless of the plane of polarization of an electromagnetic wave, i.e., even in a place where the plane of polarization under multipath distortion and fading is always changed, the radio device has a stable sensitivity characteristic. Also, the antenna circuit achieving these characteristics requires no additional element for matching, and has a remarkable effect on reducing the size of a radio device.

IPC 1-7

H01Q 1/24; **H01Q 1/44**; **H01Q 5/00**; **H01Q 7/00**

IPC 8 full level

H01Q 1/27 (2006.01); **H01Q 7/00** (2006.01)

CPC (source: EP)

H01Q 1/273 (2013.01); **H01Q 7/00** (2013.01)

Cited by

DE10047903A1; FR2724274A1; US5946610A; US5589840A; GB2276274B; EP0616384A1; US5532705A; EP0565725A4; US5465098A; US5757326A; US5940041A; GB2304465B; GB2304466A; GB2304466B; US7439922B2; WO9950928A3; WO2008075156A1

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