

Title (en)

RADIO APPARATUS WITH A BUILT-IN ANTENNA

Title (de)

FUNKGERÄT MIT INTEGRIERTER ANTENNE

Title (fr)

APPAREIL RADIOELECTRIQUE A ANTENNE INTEGREE

Publication

EP 0985245 A1 20000315 (DE)

Application

EP 98933454 A 19980506

Priority

- DE 9801251 W 19980506
- DE 19722506 A 19970530

Abstract (en)

[origin: DE19722506A1] Disclosed is a highly performing radio apparatus (10) exposing the body to less radiation. The radio apparatus (10) comprises a reference potential- electrical surface (4) as well as an antenna resonator member (6) mounted parallel to said reference potential- electrical surface (4) and in capacitive coupling therewith. The antenna resonator member (6) is galvanically separated from the reference potential- electrical surface (4) and is characterized by a double geometric symmetry, resulting in a resonating capacity in two symmetry axis (15, 20) perpendicular to each other.

IPC 1-7

H01Q 1/24; **H04B 1/38**; **H01Q 9/04**

IPC 8 full level

H01Q 1/24 (2006.01); **H01Q 5/00** (2006.01); **H01Q 5/364** (2015.01); **H01Q 9/04** (2006.01); **H01Q 13/08** (2006.01); **H04B 1/38** (2006.01); **H04B 1/3827** (2015.01)

CPC (source: EP KR)

H01Q 1/24 (2013.01 - EP KR); **H01Q 5/10** (2015.01 - KR); **H01Q 5/364** (2015.01 - EP); **H01Q 9/04** (2013.01 - KR); **H01Q 9/0428** (2013.01 - EP); **H01Q 9/045** (2013.01 - EP); **H01Q 9/0457** (2013.01 - EP); **H04B 1/3833** (2013.01 - EP)

Citation (search report)

See references of WO 9854784A1

Designated contracting state (EPC)

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