

Title (en)
Device for radiocommunication and a slot loop antenna

Title (de)
Funkkommunikationseinrichtung und eine Schlitz-Schleifenantenne

Title (fr)
Dispositif de radiocommunication et antenne à fente en boucle

Publication
EP 0961344 A1 19991201 (FR)

Application
EP 99401110 A 19990506

Priority
FR 9806765 A 19980528

Abstract (en)
The lower auxilliary layer conductor structure (4) is decoupled from the resonant structure for all signals near resonance thus avoding capacitive coupling.

IPC 1-7
H01Q 13/10

IPC 8 full level
H01Q 15/14 (2006.01); **H01Q 1/24** (2006.01); **H01Q 1/38** (2006.01); **H01Q 13/08** (2006.01); **H01Q 13/10** (2006.01); **H01Q 23/00** (2006.01)

CPC (source: EP US)
H01Q 13/106 (2013.01 - EP US)

Citation (search report)

- [DA] US 4063246 A 19771213 - GREISER JOHN W
- [DA] FORMA ET AL.: "Compact oscillating slot loop antenna with conductor backing", ELECTRONICS LETTERS, vol. 32, no. 18, 29 August 1996 (1996-08-29), pages 1633 - 1635, XP000637802
- [DA] LIU ET AL.: "Radiation of printed antennas with a coplanar waveguide feed", IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION, vol. 43, no. 10, October 1995 (1995-10-01), pages 1143 - 1148, XP000530214

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Designated contracting state (EPC)
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EP 0961344 A1 19991201; **EP 0961344 B1 20060906**; AT E339018 T1 20060915; AU 3125799 A 19991209; CA 2272007 A1 19991128; CN 1168182 C 20040922; CN 1237807 A 19991208; DE 69933085 D1 20061019; DE 69933085 T2 20070412; FR 2779276 A1 19991203; FR 2779276 B1 20000713; JP 2000068731 A 20000303; JP 4118449 B2 20080716; TW 431028 B 20010421; US 2001050651 A1 20011213

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