

Title (en)
Mobile communication terminal

Title (de)
Mobiles Kommunikationsendgerät

Title (fr)
Terminal de communication mobile

Publication
EP 1667281 A1 20060607 (FR)

Application
EP 05292514 A 20051125

Priority
FR 0412757 A 20041201

Abstract (en)
The terminal has a printed circuit board (104) with grounding points, and mounted with a radiocommunication system transmitting and receiving in a frequency band. A resonant frequency shifting unit (107) is connected to the ground of the board by electromagnetic coupling. The unit (107) shifts the resonant frequency of a battery (106) outside the transmission and/or reception frequency band of the system.

IPC 8 full level
H01Q 1/52 (2006.01)

CPC (source: EP)
H01Q 1/243 (2013.01); **H01Q 19/005** (2013.01)

Citation (applicant)
C. R. ROWELL: "A Capacitively loaded PIFA for compact mobile telephone", IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION, vol. 45, no. 5, May 1997 (1997-05-01), XP000688460, DOI: doi:10.1109/8.575634

Citation (search report)
• [A] GB 356359 A 19310910 - TERENCE CAMERON MACNAMARA
• [DX] ROWELL C R ET AL: "A CAPACITIVELY LOADED PIFA FOR COMPACT MOBILE TELEPHONE HANDSETS", IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION, IEEE SERVICE CENTER, PISCATAWAY, NJ, US, vol. 45, no. 5, May 1997 (1997-05-01), pages 837 - 842, XP000688460, ISSN: 0018-926X
• [X] PATENT ABSTRACTS OF JAPAN vol. 1999, no. 05 31 May 1999 (1999-05-31)

Citation (examination)
• US 2004046701 A1 20040311 - HUBER STEFAN [DE], et al
• EP 1469550 A2 20041020 - MATSUSHITA ELECTRIC IND CO LTD [JP]

Cited by
EP2095461A4; JP5357970B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1667281 A1 20060607; FR 2878680 A1 20060602; FR 2878680 B1 20070302

DOCDB simple family (application)
EP 05292514 A 20051125; FR 0412757 A 20041201