

Title (en)
Antenna arrangement and radiotelephone

Title (de)
Antennenanordnung und Funkgerät

Title (fr)
Agencement d' antenne et radiotéléphone

Publication
EP 0959525 B1 20090513 (DE)

Application
EP 99102339 A 19990206

Priority
DE 19823126 A 19980523

Abstract (en)
[origin: EP0959525A2] The antenna has at least two radiator elements (5,10) mounted adjacent to each other above a reference potential surface (25), one supplied via an antenna network, the second element connected to the reference potential (80) via e.g. a diode (35) that can be switched between high and low impedance states. The first element is resonant at the operating wavelength and the resonance of the second element can be easily detuned w.r.t. the first. An Independent claim is also included for a radio device.

IPC 8 full level
H01Q 21/29 (2006.01); **H01Q 1/24** (2006.01); **H01Q 3/24** (2006.01); **H01Q 19/22** (2006.01)

CPC (source: EP)
H01Q 1/245 (2013.01); **H01Q 3/24** (2013.01); **H01Q 21/29** (2013.01)

Cited by
EP1206001A1; FR2797136A1; EP1109247A1; EP1618752A4; US6437746B1; WO2004013935A1

Designated contracting state (EPC)
CH DE ES FR GB IT LI SE

DOCDB simple family (publication)
EP 0959525 A2 19991124; EP 0959525 A3 20010404; EP 0959525 B1 20090513; DE 19823126 A1 19991125; DE 19823126 B4 20120823; DE 59915023 D1 20090625; ES 2324747 T3 20090813

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