

Title (en)
Antenna device

Title (de)
Antennenvorrichtung

Title (fr)
Dispositif d'antenne

Publication
EP 1471601 A1 20041027 (EN)

Application
EP 04008892 A 20040414

Priority
JP 2003117044 A 20030422

Abstract (en)
The antenna is formed on a dielectric block (18) in an inverted-F configuration and is tuned by a variable capacitive element (16), e.g. a varactor diode. The varactor is connected to a radiating electrode (19) so that the varying capacitance value changes the resonant frequency of the antenna based on a received frequency using a DC bias voltage as a control signal.

IPC 1-7
H01Q 7/00; **H01Q 9/04**; **H01Q 1/24**; **H01Q 1/38**

IPC 8 full level
H01Q 13/08 (2006.01); **H01Q 1/24** (2006.01); **H01Q 1/38** (2006.01); **H01Q 5/10** (2015.01); **H01Q 7/00** (2006.01); **H01Q 9/04** (2006.01); **H01Q 9/14** (2006.01)

CPC (source: EP KR)
A44B 18/0011 (2013.01 - KR); **H01Q 1/241** (2013.01 - EP); **H01Q 1/38** (2013.01 - EP); **H01Q 7/005** (2013.01 - EP); **H01Q 9/0421** (2013.01 - EP); **H01Q 9/0442** (2013.01 - EP)

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Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
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DOCDB simple family (application)
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