

Title (en)
Card with built-in antenna

Title (de)
Karte mit eingebauter Antenne

Title (fr)
Carte avec antenne intégrée

Publication
EP 1471597 A1 20041027 (EN)

Application
EP 04008891 A 20040414

Priority
JP 2003117048 A 20030422

Abstract (en)
A Varactor diode changes the resonant frequency of an inverted F-type dielectric antenna (12) in response to frequency of the signal received by the inverted F-type dielectric antenna.

IPC 1-7
H01Q 1/22

IPC 8 full level
H01Q 1/22 (2006.01); **H01Q 1/27** (2006.01); **H01Q 1/38** (2006.01); **H01Q 9/14** (2006.01); **H01Q 13/08** (2006.01); **H01Q 23/00** (2006.01); **H04B 1/08** (2006.01); **H04N 5/44** (2011.01); **H04N 5/64** (2006.01)

CPC (source: EP KR)
A44B 18/0046 (2013.01 - KR); **A44B 19/04** (2013.01 - KR); **H01Q 1/2275** (2013.01 - EP); **H01Q 1/2283** (2013.01 - EP); **A45C 13/1023** (2013.01 - KR)

Citation (search report)

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- [X] EP 1189304 A2 20020320 - SONY CORP [JP]
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EP1983605A1; FR2887078A1; DE102006042307A1; US7830330B2; EP1677523A3; EP2063486A1; US8060131B2; WO2021083124A1

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 1471597 A1 20041027; JP 2004328129 A 20041118; KR 20040093406 A 20041105

DOCDB simple family (application)
EP 04008891 A 20040414; JP 2003117048 A 20030422; KR 20040027498 A 20040421