

Title (en)
CAPACITIVE ANTENNA AND METHOD FOR MAKING SAME

Title (de)
KAPAZITIVE ANTENNE UND VERFAHREN ZUR HERSTELLUNG

Title (fr)
ANTENNE CAPACITIVE ET PROCEDE DE REALISATION

Publication
EP 1527499 A2 20050504 (FR)

Application
EP 03755657 A 20030724

Priority
• FR 0350020 W 20030724
• FR 0209462 A 20020725

Abstract (en)
[origin: WO2004012299A2] The invention concerns a method for making a capacitive antenna (4) by performing a gravure process on the antenna comprising a single turn (9) connected to a capacitor (10), the turn and the capacitor being printed by a gravure process with a conductive ink. The use of a dielectric ink for the gravure process also enables a dielectric thickness (16) to be obtained between two conductive electrodes (14, 17) printed by gravure process. The capacitance of the capacitor is determined on the basis of the antenna inductance, the frequency of communication and the law of resonance whereto a chip (3) connected to said antenna (4) is subjected.

IPC 1-7
H01Q 7/00

IPC 8 full level
G06K 19/077 (2006.01); **H01Q 1/22** (2006.01); **H01Q 1/38** (2006.01); **H01Q 7/00** (2006.01)

CPC (source: EP US)
G06K 19/07749 (2013.01 - EP US); **H01Q 1/2225** (2013.01 - EP US); **H01Q 1/38** (2013.01 - EP US); **H01Q 7/005** (2013.01 - EP US)

Citation (search report)
See references of WO 2004012299A2

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

DOCDB simple family (publication)
FR 2842950 A1 20040130; FR 2842950 B1 20041022; AU 2003273499 A1 20040216; AU 2003273499 A8 20040216; CN 1679208 A 20051005; EP 1527499 A2 20050504; JP 2005534243 A 20051110; MX PA05000882 A 20050323; US 2006164312 A1 20060727; WO 2004012299 A2 20040205; WO 2004012299 A3 20040408

DOCDB simple family (application)
FR 0209462 A 20020725; AU 2003273499 A 20030724; CN 03820248 A 20030724; EP 03755657 A 20030724; FR 0350020 W 20030724; JP 2004523897 A 20030724; MX PA05000882 A 20030724; US 52182205 A 20050708