

Title (en)

DETECTION OR IDENTIFICATION ANTENNA INSENSITIVE TO THE ENVIRONMENT THEREOF

Title (de)

GEGEN UMWELTEINFLÜSSE UNEMPFINDLICHE RESONANZANTENNE ZUR DETEKTION ODER IDENTIFIZIERUNG

Title (fr)

ANTENNE RESONNANTE DE DETECTION OU D'IDENTIFICATION INSENSIBLE A SON ENVIRONNEMENT

Publication

**EP 1522043 A1 20050413 (FR)**

Application

**EP 03750819 A 20030717**

Priority

- FR 0302267 W 20030717
- FR 0209052 A 20020717

Abstract (en)

[origin: WO2005010811A1] The inventive detection or identification antenna comprises at least one spiral (3 to 5) which consists of at least one electroconductive wire and is connected to an transponder electronic chip (7) and whose operating frequency is equal to or higher than 10 MHz, the surface defined by said at least one spiral being materially equal to or less than 0.30 m<sup>2</sup>. The total capacitance of said antenna is materially equal to or higher than 140 pF and the over voltage ratio of said at least one spiral is materially equal to or greater than 30.

IPC 1-7

**G06K 19/077**

IPC 8 full level

**G06K 19/077** (2006.01); **H01Q 1/22** (2006.01); **H01Q 1/27** (2006.01); **H01Q 1/38** (2006.01); **H01Q 7/00** (2006.01)

CPC (source: EP KR US)

**G06K 19/027** (2013.01 - EP KR US); **G06K 19/07749** (2013.01 - EP KR US); **G06K 19/07771** (2013.01 - EP KR US); **G06K 19/07779** (2013.01 - EP KR US); **G06K 19/07783** (2013.01 - EP KR US); **H01Q 1/22** (2013.01 - KR); **H01Q 1/2225** (2013.01 - EP KR US); **H01Q 1/273** (2013.01 - EP KR US); **H01Q 1/38** (2013.01 - EP KR US); **H01Q 7/00** (2013.01 - EP KR US)

Citation (search report)

See references of WO 2005010811A1

Citation (examination)

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**FR 2842630 A1 20040123**; **FR 2842630 B1 20050909**; AU 2003269032 A1 20050214; CA 2495431 A1 20050203; CN 1692372 A 20051102; EP 1522043 A1 20050413; JP 2006509480 A 20060316; KR 20050058325 A 20050616; US 2006139232 A1 20060629; US 7453408 B2 20081118; WO 2005010811 A1 20050203

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