

Title (en)
MONO- OR MULTI-FREQUENCY ANTENNA

Title (de)
EINFACH- ODER MEHRFACH-FREQUENZANTENNE

Title (fr)
ANTENNE MONO OU MULTI-FREQUENCES

Publication
EP 2095465 A1 20090902 (FR)

Application
EP 07821909 A 20071026

Priority
• EP 2007061549 W 20071026
• FR 0609448 A 20061027

Abstract (en)
[origin: FR2907969A1] The antenna has an inductive element (5) and an armature (2) that is placed opposite to a mass plane (3) for providing a capacitive function. The armature and inductive element have general dimensions lower than $\lambda/10$, where λ is an operational wavelength. The armature and the inductive element define a resonator circuit at a frequency corresponding to the operational wavelength. The armature presents discontinuities which represent an origin of radiation loss during operation. An independent claim is also included for a method for fabricating a transmission/reception antenna.

IPC 8 full level
H01Q 5/00 (2006.01); **H01Q 5/371** (2015.01); **H01Q 9/04** (2006.01); **H01Q 9/42** (2006.01); **H01Q 21/30** (2006.01)

CPC (source: EP US)
H01Q 5/371 (2015.01 - EP US); **H01Q 9/0442** (2013.01 - EP US); **H01Q 9/42** (2013.01 - EP US); **H01Q 21/30** (2013.01 - EP US);
Y10T 29/49016 (2015.01 - EP US)

Citation (search report)
See references of WO 2008049921A1

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

DOCDB simple family (publication)
FR 2907969 A1 20080502; **FR 2907969 B1 20090424**; CN 101617441 A 20091230; EP 2095465 A1 20090902; US 2010109959 A1 20100506;
WO 2008049921 A1 20080502

DOCDB simple family (application)
FR 0609448 A 20061027; CN 200780039857 A 20071026; EP 07821909 A 20071026; EP 2007061549 W 20071026; US 44736307 A 20071026