

Title (en)

Antenna including magnetic and capacitive radiator

Title (de)

Antenne mit magnetischem und kapazitivem Strahler

Title (fr)

Antenne comportant une source magnétique et capacitive

Publication

**EP 1672735 A1 20060621 (DE)**

Application

**EP 05405709 A 20051220**

Priority

CH 21042004 A 20041220

Abstract (en)

The antenna has a combination of a magnetic beam (7, 20, 22) with a capacitive emitter (17a, 17b). The capacitive emitters are attached at the periphery of the magnetic emitters. A constructional structure is provided by a symmetry plane for an energy feeding input of a capacitive emitter and a magnetic emitter as well as a tunable auxiliary capacity. The energy feeding input and the auxiliary capacity and a co-ordination device are not in a symmetric plane to the auxiliary capacity.

IPC 8 full level

**H01Q 7/00** (2006.01); **H01Q 21/29** (2006.01)

CPC (source: EP)

**H01Q 7/005** (2013.01); **H01Q 21/29** (2013.01)

Citation (applicant)

- DE 8812235 U1 19890126
- WO 0025385 A1 20000504 - MCLEAN JAMES STUART [US], et al

Citation (search report)

- [X] DE 8812235 U1 19890126
- [X] WO 0025385 A1 20000504 - MCLEAN JAMES STUART [US], et al
- [X] US 6437750 B1 20020820 - GRIMES CRAIG A [US], et al
- [X] US 2004095280 A1 20040520 - POILASNE GREGORY [US], et al
- [X] US 3740753 A 19730619 - MONOLA W
- [X] US 2657312 A 19531027 - CESARE SARANGA
- [X] US 1589344 A 19260622 - AKERS MILTON K

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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 NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1672735 A1 20060621**; **EP 1672735 B1 20091007**; AT E445241 T1 20091015; CH 702226 B1 20110531; DE 502005008273 D1 20091119

DOCDB simple family (application)

**EP 05405709 A 20051220**; AT 05405709 T 20051220; CH 21042004 A 20041220; DE 502005008273 T 20051220