

Title (en)  
Antenna

Title (de)  
Antenne

Title (fr)  
Antenne

Publication  
**EP 1134840 B1 20171004 (DE)**

Application  
**EP 01103315 A 20010213**

Priority  
DE 10010936 A 20000306

Abstract (en)  
[origin: EP1134840A2] The aerial surface enclosing conductor (10), whose length is an integral multiple of half-wavelength of current distribution in conductor, i.e. at least 1.5 times, pref. 1.75 to 3.5 times, of the periphery of the aerial surface (A).The axially and/or radially overlapping sections (12) of the conductor are so closely adjacent that the wavelength of current distribution in the conductor corresponds to max. 0.8 times of the vacuum wavelength of the electromagnetic field generated by the current distribution.

IPC 8 full level  
**H01Q 1/22** (2006.01); **H01Q 7/00** (2006.01); **H01Q 9/04** (2006.01)

CPC (source: EP)  
**H01Q 7/00** (2013.01)

Cited by  
KR100926886B1; US7408517B1; US7427965B2; US7274338B2; WO2006031785A1; WO03044892A1; US7239290B2; US7760151B2; US7876270B2

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**EP 1134840 A2 20010919; EP 1134840 A3 20040107; EP 1134840 B1 20171004**; CZ 2001787 A3 20020417; DE 10010936 A1 20010927; DE 10010936 B4 20061102; HU 0100955 D0 20010528; HU P0100955 A2 20011128; PL 346283 A1 20010910; SK 2762001 A3 20020404

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**EP 01103315 A 20010213**; CZ 2001787 A 20010302; DE 10010936 A 20000306; HU P0100955 A 20010305; PL 34628301 A 20010306; SK 2762001 A 20010227