

Title (en)  
PLANAR ANTENNA

Title (de)  
PLANARANTENNE

Title (fr)  
ANTENNE MULTI-ELEMENT PLANE

Publication  
**EP 0737371 B1 19980722 (DE)**

Application  
**EP 95902093 A 19941129**

Priority  
• DE 4340825 A 19931201  
• EP 9403957 W 19941129

Abstract (en)  
[origin: US5777584A] PCT No. PCT/EP94/03957 Sec. 371 Date May 31, 1996 Sec. 102(e) Date May 31, 1996 PCT Filed Nov. 29, 1994 PCT Pub. No. WO95/15591 PCT Pub. Date Jun. 8, 1995 The invention relates to a planar antenna 1 having surface resonators 5, which are connected via a supply network 6 to a supply point 7, the supply point 7 of the planar antenna 1 being connected via a coupling element 13 to an electronic circuit 12, particularly a converter, the coupling element 13 being a coaxial conductor in which the ratio, between the outer diameter of the inner conductor and the inner diameter of the outer conductor 17, changes between the supply point 7 of the supply network 6 and the terminal 11 of the electronic circuit 12.

IPC 1-7  
**H01Q 9/04; H01Q 21/06**

IPC 8 full level  
**H01Q 5/10** (2015.01); **H01Q 9/04** (2006.01); **H01Q 19/00** (2006.01); **H01Q 21/06** (2006.01); **H01Q 21/24** (2006.01); **H01Q 23/00** (2006.01)

CPC (source: EP KR US)  
**H01Q 9/04** (2013.01 - KR); **H01Q 9/045** (2013.01 - EP US); **H01Q 19/005** (2013.01 - EP US); **H01Q 21/065** (2013.01 - EP US);  
**H01Q 21/24** (2013.01 - EP US); **H01Q 23/00** (2013.01 - EP US)

Designated contracting state (EPC)  
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**US 5777584 A 19980707**; AT E168824 T1 19980815; AU 1108495 A 19950619; AU 690942 B2 19980507; BG 100628 A 19970131; CA 2177954 A1 19950608; CA 2177954 C 20001024; CN 1051408 C 20000412; CN 1136864 A 19961127; CZ 158896 A3 19960911; CZ 285794 B6 19991117; DE 4340825 A1 19950608; DE 59406523 D1 19980827; DK 0737371 T3 19990426; EP 0737371 A1 19961016; EP 0737371 B1 19980722; ES 2122517 T3 19981216; FI 962308 A0 19960531; FI 962308 A 19960724; GE P19991669 B 19990614; HR P940969 A2 19961231; HU 216219 B 19990528; HU 9601501 D0 19960729; HU T74633 A 19970128; IL 111827 A0 19950124; JP H09509796 A 19970930; KR 960706699 A 19961209; NO 962222 D0 19960530; NO 962222 L 19960712; PL 175450 B1 19981231; PL 314798 A1 19960930; SK 70096 A3 19961204; TR 28051 A 19951211; TW 293188 B 19961211; WO 9515591 A1 19950608; ZA 949494 B 19960205

DOCDB simple family (application)  
**US 65245496 A 19960531**; AT 95902093 T 19941129; AU 1108495 A 19941129; BG 10062896 A 19960531; CA 2177954 A 19941129; CN 94194364 A 19941129; CZ 158896 A 19941129; DE 4340825 A 19931201; DE 59406523 T 19941129; DK 95902093 T 19941129; EP 9403957 W 19941129; EP 95902093 A 19941129; ES 95902093 T 19941129; FI 962308 A 19960531; GE AP1994003212 A 19941129; HR P940969 A 19941201; HU 9601501 A 19941129; IL 11182794 A 19941130; JP 51538995 A 19941129; KR 19960702884 A 19960601; NO 962222 A 19960530; PL 31479894 A 19941129; SK 70096 A 19941129; TR 124794 A 19941201; TW 84102922 A 19950325; ZA 949494 A 19941129