

Title (en)
Dual-band microwave radiating element

Title (de)
Zweiband-Mikrowellenstrahlelement

Title (fr)
Élément rayonnant hyperfréquence bi-bande

Publication
EP 1152483 A1 20011107 (FR)

Application
EP 01400810 A 20010329

Priority
FR 0005091 A 20000420

Abstract (en)
[origin: FR2808126A1] The high frequency radiating element (1) has a first and second electromagnetic wave band. Both input frequency accesses (2,7) are coaxial.

Abstract (fr)
Élément rayonnant hyperfréquence 1 comportant des premiers et des seconds moyens aptes à véhiculer des ondes électromagnétiques respectivement à une première et une seconde bandes de fréquences, caractérisé en ce que les premiers et seconds moyens sont coaxiaux.
<IMAGE>

IPC 1-7
H01Q 5/00; H01Q 15/24

IPC 8 full level
H01Q 21/24 (2006.01); **H01P 5/103** (2006.01); **H01Q 5/00** (2006.01); **H01Q 5/47** (2015.01); **H01Q 13/06** (2006.01); **H01Q 21/28** (2006.01); **H01Q 21/30** (2006.01); **H01Q 25/00** (2006.01)

CPC (source: EP US)
H01Q 5/47 (2015.01 - EP US)

Citation (search report)

- [A] EP 0443526 A1 19910828 - ANDREW CORP [CH]
- [A] US 5635944 A 19970603 - WEINSTEIN HARRY M [US], et al
- [A] EP 0403894 A2 19901227 - HUGHES AIRCRAFT CO [US]
- [A] US 4825221 A 19890425 - SUZUKI HIROSUKE [JP], et al
- [A] ZHANG H Z ET AL: "CHARACTERISTICS OF QUAD-RIDGED COAXIAL WAVEGUIDES FOR DUAL-BAND HORN APPLICATIONS", IEE PROCEEDINGS: MICROWAVES, ANTENNAS AND PROPAGATION,GB,IEE, STEVENAGE, HERTS, vol. 145, no. 3, June 1998 (1998-06-01), pages 225 - 228, XP000790391, ISSN: 1350-2417
- [A] PATENT ABSTRACTS OF JAPAN vol. 001, no. 050 (E - 020) 16 May 1977 (1977-05-16)

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

DOCDB simple family (publication)
EP 1152483 A1 20011107; EP 1152483 B1 20090722; AT E437452 T1 20090815; CA 2342953 A1 20011020; CA 2342953 C 20090707; DE 60139291 D1 20090903; FR 2808126 A1 20011026; FR 2808126 B1 20031003; JP 2001358526 A 20011226; JP 2011259496 A 20111222; JP 2013093898 A 20130516; JP 5354830 B2 20131127; JP 5355643 B2 20131127; JP 5600359 B2 20141001; US 2002011961 A1 20020131; US 6377224 B2 20020423

DOCDB simple family (application)
EP 01400810 A 20010329; AT 01400810 T 20010329; CA 2342953 A 20010329; DE 60139291 T 20010329; FR 0005091 A 20000420; JP 2001121603 A 20010419; JP 2011184340 A 20110826; JP 2013006573 A 20130117; US 83633401 A 20010418