

Title (en)
MULTIBAND ANTENNA

Title (de)
MEHR-BEREICHS-ANTENNE

Title (fr)
ANTENNE MULTIBANDE

Publication
EP 1078424 B1 20030604 (DE)

Application
EP 00918805 A 20000316

Priority
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Abstract (en)
[origin: US6323820B1] A multiband antenna has first and second antenna devices for transmitting or receiving. Each device has a dipole structure and associated dipole halves disposed opposite a base plate or reflector by baluns. The antenna devices are provided with a feed from a common antenna input line and a branch circuit. Frequency selective components are respectively associated with the first and second antenna devices. An electrical length of branch lines between a branch point and a feed point on the associated antenna devices having the dipole structure enables the frequency selective components respectively to reject a frequency band range transmitted via another of the first and second antenna devices.

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H01Q 21/30

IPC 8 full level
H01Q 5/50 (2015.01); **H01Q 9/16** (2006.01); **H01Q 19/10** (2006.01); **H01Q 21/30** (2006.01)

CPC (source: EP KR US)
H01Q 5/50 (2015.01 - EP US); **H01Q 9/16** (2013.01 - EP US); **H01Q 19/10** (2013.01 - EP US); **H01Q 21/30** (2013.01 - EP KR US)

Cited by
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AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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US 6323820 B1 20011127; AT E242553 T1 20030615; AU 3962200 A 20001009; AU 760267 B2 20030508; BR 0005455 A 20010130; CA 2332630 A1 20000928; CA 2332630 C 20030415; CN 1147031 C 20040421; CN 1296651 A 20010523; DE 19912465 A1 20001012; DE 19912465 C2 20010705; DE 50002424 D1 20030710; DK 1078424 T3 20030929; EP 1078424 A1 20010228; EP 1078424 B1 20030604; HK 1035607 A1 20011130; KR 100454142 B1 20041026; KR 20010043005 A 20010525; NZ 507669 A 20021220; WO 0057514 A1 20000928

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US 70008800 A 20001116; AT 00918805 T 20000316; AU 3962200 A 20000316; BR 0005455 A 20000316; CA 2332630 A 20000316; CN 00800353 A 20000316; DE 19912465 A 19990319; DE 50002424 T 20000316; DK 00918805 T 20000316; EP 0002356 W 20000316; EP 00918805 A 20000316; HK 01106270 A 20010905; KR 20007011852 A 20001025; NZ 50766900 A 20000316