

Title (en)
WIDE BAND PRINTED NETWORK ANTENNA

Title (de)
BREITBANDIGE GEDRUCKTE GRUPPENANTENNE

Title (fr)
ANTENNE RESEAU IMPRIMEE LARGE BANDE

Publication
EP 0886889 A1 19981230 (FR)

Application
EP 97952073 A 19971216

Priority
• FR 9702314 W 19971216
• FR 9615510 A 19961217

Abstract (en)
[origin: FR2757315A1] The invention concerns a wide band network antenna supplying a substantially rotating main lobe. This antenna comprises patches (10, 11) arranged with a periodicity break along one of the planes and supplied by tree-structured supply lines (40) from a central excitation point (A). Each patch has facing it a parasitic element for widening the band. The invention is applicable in particular to measuring radar's.

IPC 1-7
H01Q 21/06; **H01Q 21/22**

IPC 8 full level
H01Q 13/26 (2006.01); **H01Q 21/06** (2006.01); **H01Q 21/22** (2006.01)

CPC (source: EP KR US)
H01Q 21/06 (2013.01 - KR); **H01Q 21/065** (2013.01 - EP US); **H01Q 21/22** (2013.01 - EP KR US)

Citation (search report)
See references of WO 9827616A1

Cited by
CN103311663A

Designated contracting state (EPC)
DE FR GB NL SE

DOCDB simple family (publication)
FR 2757315 A1 19980619; **FR 2757315 B1 19990305**; CN 1211346 A 19990317; DE 69720982 D1 20030522; DE 69720982 T2 20040219; EP 0886889 A1 19981230; EP 0886889 B1 20030416; JP 2000505978 A 20000516; KR 100453030 B1 20041216; KR 19990082640 A 19991125; US 6031491 A 20000229; WO 9827616 A1 19980625

DOCDB simple family (application)
FR 9615510 A 19961217; CN 97192345 A 19971216; DE 69720982 T 19971216; EP 97952073 A 19971216; FR 9702314 W 19971216; JP 52739998 A 19971216; KR 19980706380 A 19980817; US 12511098 A 19980915