

Title (en)  
ANISOTROPIC COMPOSITE ANTENNA

Title (de)  
ANTENNE MIT ANISOTROPER VERBUNDSTOFF

Title (fr)  
ANTENNE A COMPOSITE ANISOTROPE

Publication  
**EP 1250729 B1 20060906 (FR)**

Application  
**EP 00990097 A 20001221**

Priority  
• FR 0003641 W 20001221  
• FR 9916228 A 19991222

Abstract (en)  
[origin: WO0147064A1] The invention relates to an anisotropic composite antenna, comprising an element (20) which is suitable for radiating or receiving an electromagnetic field, a conductor plane (22) and an anisotropic composite (24), which consists of a stack of alternate ferromagnetic and electrically insulating layers. Said layers are perpendicular to the conductor plane and to the electrical component (E) of the radiated or received field. The invention is suitable for use in the area of telecommunications.

IPC 8 full level  
**H01Q 13/18** (2006.01); **H01Q 9/04** (2006.01); **H01Q 9/27** (2006.01); **H01Q 9/28** (2006.01)

CPC (source: EP US)  
**H01Q 9/04** (2013.01 - EP US); **H01Q 9/0407** (2013.01 - EP US); **H01Q 9/27** (2013.01 - EP US); **H01Q 9/285** (2013.01 - EP US); **H01Q 13/18** (2013.01 - EP US); **Y10T 29/49016** (2015.01 - EP US)

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)  
**WO 0147064 A1 20010628**; AT E339020 T1 20060915; DE 60030592 D1 20061019; DE 60030592 T2 20070913; EP 1250729 A1 20021023; EP 1250729 B1 20060906; FR 2803107 A1 20010629; FR 2803107 B1 20040723; US 2002180654 A1 20021205; US 6759985 B2 20040706

DOCDB simple family (application)  
**FR 0003641 W 20001221**; AT 00990097 T 20001221; DE 60030592 T 20001221; EP 00990097 A 20001221; FR 9916228 A 19991222; US 13026802 A 20020524