

Title (en)

Panel of active antennas with multilayer structure

Title (de)

Platte mit aktiven Antennen mit einer Mehrschichtstruktur

Title (fr)

Panneau d'antenne active à structure multicouches

Publication

EP 0993073 B1 20060503 (FR)

Application

EP 99402322 A 19990923

Priority

FR 9812457 A 19981005

Abstract (en)

[origin: EP0993073A1] The active panel antenna has a number of radiating elements (3) and a multibeam radiating structure (6) together with connection layers (8a,8b). The radiating structure is perpendicular to the antenna plane and the connection and radiating structure are moulded so that the separator forms a single block.

IPC 8 full level

H01Q 21/00 (2006.01); **H01Q 1/28** (2006.01); **H01Q 3/40** (2006.01); **H01Q 21/06** (2006.01); **H01Q 21/22** (2006.01); **H01Q 23/00** (2006.01); **H01Q 25/00** (2006.01)

CPC (source: EP US)

H01Q 3/40 (2013.01 - EP US); **H01Q 21/0087** (2013.01 - EP US); **H01Q 21/0093** (2013.01 - EP US); **H01Q 21/065** (2013.01 - EP US); **H01Q 21/22** (2013.01 - EP US); **H01Q 23/00** (2013.01 - EP US); **H01Q 25/00** (2013.01 - 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

DOCDB simple family (publication)

EP 0993073 A1 20000412; **EP 0993073 B1 20060503**; AT E325442 T1 20060615; DE 69931119 D1 20060608; DE 69931119 T2 20061130; ES 2264248 T3 20061216; FR 2784237 A1 20000407; FR 2784237 B1 20031003; JP 2000114867 A 20000421; JP 4185222 B2 20081126; US 6188361 B1 20010213

DOCDB simple family (application)

EP 99402322 A 19990923; AT 99402322 T 19990923; DE 69931119 T 19990923; ES 99402322 T 19990923; FR 9812457 A 19981005; JP 28346899 A 19991004; US 41122999 A 19991004