

Title (en)  
Radiating element structure for a plate antenna.

Title (de)  
Strahlerstruktur einer ebenen Antenne.

Title (fr)  
Dispositif rayonnant pour antenne plane.

Publication  
**EP 0497702 B1 19950426 (FR)**

Application  
**EP 92400247 A 19920130**

Priority  
FR 9101152 A 19910201

Abstract (en)  
[origin: EP0497702A1] Radiating device for a plate antenna, comprising first and second earth planes, a slot (25), made in the first earth plane, being fed by electromagnetic coupling from a feed line (17), and an assembly of several conductive parts of small thickness; the central portion of the radiating slot (25) being a conductive part (15) supported at its centre by a support column (18). Application in particular to the field of space.  
<IMAGE>

IPC 1-7  
**H01Q 21/06**; **H01Q 9/04**

IPC 8 full level  
**H01Q 1/28** (2006.01); **H01Q 1/38** (2006.01); **H01Q 9/04** (2006.01); **H01Q 13/08** (2006.01); **H01Q 13/16** (2006.01); **H01Q 13/18** (2006.01); **H01Q 21/06** (2006.01); **H01Q 21/24** (2006.01); **H01Q 21/29** (2006.01)

CPC (source: EP US)  
**H01Q 9/0464** (2013.01 - EP US); **H01Q 13/18** (2013.01 - EP US); **H01Q 21/064** (2013.01 - EP US)

Cited by  
CN110086000A; EP1421644A4; CN113644447A

Designated contracting state (EPC)  
DE ES FR GB IT SE

DOCDB simple family (publication)  
**EP 0497702 A1 19920805**; **EP 0497702 B1 19950426**; DE 69202160 D1 19950601; DE 69202160 T2 19950831; ES 2072717 T3 19950716; FR 2672437 A1 19920807; FR 2672437 B1 19930917; JP H04320101 A 19921110; US 5465100 A 19951107

DOCDB simple family (application)  
**EP 92400247 A 19920130**; DE 69202160 T 19920130; ES 92400247 T 19920130; FR 9101152 A 19910201; JP 1689192 A 19920131; US 39352695 A 19950223