

Title (en)  
Flat antenna

Title (de)  
Flachantenne

Title (fr)  
Antenne plate

Publication  
**EP 0841715 B1 20050316 (DE)**

Application  
**EP 97118934 A 19971030**

Priority  
DE 19646100 A 19961108

Abstract (en)  
[origin: EP0841715A2] The antenna has two parallel flat segments (3,10,11) of an electrically conductive material short-circuited together along one side edge. These respectively act as an earth reference surface (3) connected to the outer conductor of a coaxial line (4) and connected to the inner conductor of the coaxial line. The smaller surface area segment which is connected to the inner conductor is divided into two partial surfaces (10,11), each of which has a short-circuit connection with the earth reference surface.

IPC 1-7  
**H01Q 9/04**; **H01Q 21/30**; **H01Q 1/32**; **H01Q 5/00**

IPC 8 full level  
**H01Q 1/32** (2006.01); **H01Q 5/00** (2006.01); **H01Q 5/378** (2015.01); **H01Q 5/40** (2015.01); **H01Q 9/04** (2006.01); **H01Q 21/30** (2006.01)

CPC (source: EP US)  
**H01Q 1/3291** (2013.01 - EP US); **H01Q 5/378** (2015.01 - EP US); **H01Q 5/40** (2015.01 - EP US); **H01Q 9/0421** (2013.01 - EP US); **H01Q 21/30** (2013.01 - EP US)

Citation (examination)  
JP H08250917 A 19960927 - MATSUSHITA ELECTRIC IND CO LTD

Cited by  
DE19983744B4; GB2347792A; GB2347792B; WO0031825A1; WO0057511A1; US6222497B1

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

DOCDB simple family (publication)  
**EP 0841715 A2 19980513**; **EP 0841715 A3 20000426**; **EP 0841715 B1 20050316**; DE 19646100 A1 19980514; DE 59712229 D1 20050421; US 5929812 A 19990727

DOCDB simple family (application)  
**EP 97118934 A 19971030**; DE 19646100 A 19961108; DE 59712229 T 19971030; US 96650097 A 19971107