

Title (en)  
MOBILE RADIO SECTOR EMITTER

Title (de)  
MOBILFUNK-SEKTORSTRAHLER

Title (fr)  
ELEMENT RAYONNANT SECTORIEL POUR RADIOTELEPHONIE MOBILE

Publication  
**EP 0966774 A1 19991229 (DE)**

Application  
**EP 98912472 A 19980312**

Priority

- DE 19710131 A 19970312
- EP 9801452 W 19980312

Abstract (en)  
[origin: DE19710131A1] The invention concerns a planar antenna, in particular for mobile radio, wherein the planar antenna has a first and a second conductive layer, the two layers being disposed at a predefined spacing from each other. The conductive layers (1, 101, 201, 301, 401; 2, 102, 202, 302, 402) are plates or foils arranged such that their surfaces are mutually parallel, the second layer (2, 102, 202, 302, 402) being a partial area of the first layer (1, 101, 201, 301, 401). At least two dielectric spacers (5, 205, 305, 405; 111; 6, 206, 306, 406) keep the two layers (1, 101, 201, 301, 401; 2, 102, 202, 302, 402) at a spacing. The location (7, 107, 207, 307, 407) at which the signals are coupled in and out lies on a first bisecting line (4, 104, 204, 304, 404) of the arrangement.

IPC 1-7  
**H01Q 9/04; H01Q 1/38**

IPC 8 full level  
**H01Q 1/24** (2006.01); **H01Q 1/32** (2006.01); **H01Q 13/10** (2006.01); **H01Q 13/18** (2006.01)

CPC (source: EP)  
**H01Q 1/24** (2013.01); **H01Q 1/3275** (2013.01); **H01Q 13/10** (2013.01); **H01Q 13/18** (2013.01)

Citation (search report)  
See references of WO 9840929A1

Cited by  
DE102008009352B4

Designated contracting state (EPC)  
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**DE 19710131 A1 19980917**; AU 6729598 A 19980929; EP 0966774 A1 19991229; WO 9840929 A1 19980917

DOCDB simple family (application)  
**DE 19710131 A 19970312**; AU 6729598 A 19980312; EP 9801452 W 19980312; EP 98912472 A 19980312