

Title (en)  
Radio assembly with antenna

Title (de)  
Funkbaugruppe mit Antenne

Title (fr)  
Ensemble radio avec antenne

Publication  
**EP 1229604 A3 20040128 (DE)**

Application  
**EP 02002721 A 20020206**

Priority  
DE 10105254 A 20010206

Abstract (en)  
[origin: EP1229604A2] The unit has a circuit board with components, an antenna with a flat first end connected to the board and a second end spatially separate from it and a connecting element connected to the antenna via a first contact surface and to the circuit board via a second contact surface. The projection of the center of gravity of the antenna onto the board is within an area defined by the second contact area and the flat end of the antenna. The unit has a circuit board (10) with components (12), an antenna (1) with a flat first end connected to the board and a second end spatially separate from the board and a connecting element (9) between antenna and board, whereby the connecting element is connected to the antenna via a first contact surface and to the circuit board via a second contact surface. The projection of the center of gravity of the antenna onto the board is within an area defined by the second contact area and the flat end of the antenna.

IPC 1-7  
**H01Q 1/38**; **H01Q 9/04**; **H01Q 1/52**; **H01Q 1/24**

IPC 8 full level  
**H01Q 1/24** (2006.01); **H01Q 1/38** (2006.01); **H01Q 1/52** (2006.01); **H01Q 9/04** (2006.01)

CPC (source: EP)  
**H01Q 1/243** (2013.01); **H01Q 1/38** (2013.01); **H01Q 1/526** (2013.01); **H01Q 9/0421** (2013.01)

Citation (search report)

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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)  
**EP 1229604 A2 20020807**; **EP 1229604 A3 20040128**; **EP 1229604 B1 20060621**; DE 10105254 A1 20020829; DE 10105254 C2 20030109; DE 50207238 D1 20060803

DOCDB simple family (application)  
**EP 02002721 A 20020206**; DE 10105254 A 20010206; DE 50207238 T 20020206