

Title (en)
Radio assembly with antenna

Title (de)
Funkbaugruppe mit Antenne

Title (fr)
Ensemble radio avec antenne

Publication
EP 1229604 A2 20020807 (DE)

Application
EP 02002721 A 20020206

Priority
DE 10105254 A 20010206

Abstract (en)
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.

Abstract (de)
Die vorliegende Erfindung betrifft eine Funkbaugruppe mit Antenne (1), bei der die Sende- und Empfangseigenschaften der Antenne (1) durch weitere Bauelemente (12) der Funkbaugruppe nur marginal beeinflusst werden, da die Antenne (1) gegenüber diesen abgeschirmt ist. Die Abschirmung erfolgt über ausreichenden Abstand oder die Leiterplatte (10). Diese Spezifikation wird gleichzeitig mit einer einfachen und billigen Herstellung, sowie einer Miniaturisierung der Kommunikationsgeräte, realisiert. <IMAGE>

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)

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

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