

Title (en)

Wireless module with integrated slot antenna

Title (de)

Drahtloses Modul mit integrierter Schlitzantenne

Title (fr)

Module sans fil comprenant une antenne à fentes intégrée

Publication

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Application

**EP 07001518 A 20070124**

Priority

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Abstract (en)

[origin: EP1950834A1] The present invention relates to a wireless radio-frequency module (100) comprising a printed circuit board (102) provided with an electric radio-frequency circuit (103a, 103b, 103c), a metal casing (101) mounted to the printed circuit board, and a slot antenna (158) formed in the metal casing, wherein the printed circuit board (102) being provided with a coplanar waveguide (125), being coupled to the radio-frequency circuit and being coupled to the slot antenna (158) by means of a feeding mechanism (170, 159).

IPC 8 full level

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CPC (source: EP)

**H01Q 1/243** (2013.01); **H01Q 13/10** (2013.01)

Cited by

CN105515599A; EP3474377A1; EP2940789A1; US2014125528A1; US9716307B2; JP2018023060A; EP2190065A1; JP2018029286A; US10568221B2; US9203164B2; US10199716B2; US9178268B2; US9735461B2; EP2854214A1; CN104518280A; JP2018137152A; WO2018028486A1; WO2015180618A1; WO2013165700A1; US10382601B2; US10637976B2; US10827047B2; US10490883B2; US10516202B2; US10833398B2; US10879591B2; US11038258B2

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