

Title (en)

Mobile wireless communications device having dual antenna system for cellular and WiFi

Title (de)

Tragbares Mobilfunkgerät mit Dualantennensystem für Mobiltelefon und WiFi

Title (fr)

Dispositif de communication mobil sans fil avec système à deux antennes cellulaire et WiFi

Publication

EP 1895383 A1 20080305 (EN)

Application

EP 06119892 A 20060831

Priority

EP 06119892 A 20060831

Abstract (en)

A mobile wireless communications device includes a housing and circuit board carried by the housing. Radio Frequency (RF) circuitry is mounted on the circuit board. A first antenna is supported by the circuit board within the housing and operatively connected to the RF circuitry and configured for cellular phone communications. A second antenna is supported by the circuit board within the housing and operatively connected to the RF circuitry and configured for WiFi communications. The second antenna comprises an inverted-F or monopole antenna having an opening gap that is pointed away from the first antenna.

IPC 8 full level

G06F 1/16 (2006.01); **H01Q 1/24** (2006.01); **H01Q 1/42** (2006.01); **H01Q 9/04** (2006.01); **H01Q 21/28** (2006.01)

CPC (source: EP)

H01Q 1/243 (2013.01); **H01Q 1/42** (2013.01); **H01Q 9/0421** (2013.01); **H01Q 21/28** (2013.01)

Citation (search report)

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- [X] WO 2005067635 A2 20050728 - HAVA CORP [US], et al
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Citation (examination)

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CN112599961A; EP2117079B1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1895383 A1 20080305; CA 2591799 A1 20070919; CA 2591799 C 20081216; CN 101137153 A 20080305; CN 101137153 B 20101229

DOCDB simple family (application)

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