

Title (en)

Mobile wireless communications device with multiple-band antenna and related methods

Title (de)

Mobile drahtlose Kommunikationsvorrichtung mit Mehrbandantenne und zugehörige Verfahren

Title (fr)

Dispositif de communication mobile sans fil incluant une antenne multi-bande et procédés associés

Publication

EP 2621015 B1 20170802 (EN)

Application

EP 12152968 A 20120127

Priority

EP 12152968 A 20120127

Abstract (en)

[origin: EP2621015A1] A mobile wireless communications device (30) may include a housing (96), a wireless transceiver (31) carried by the housing, and a multiple-band antenna (32) carried by the housing and coupled to the wireless transceiver. The multiple-band antenna may include a first radiator (33) comprising a radiator element (36) and a parasitic element (35) adjacent to the radiator element. The parasitic element may be selectively switchable between floating and grounded states. The multiple-band antenna may include a second radiator (34) insulated from the first radiator.

IPC 8 full level

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CPC (source: EP)

H01Q 1/243 (2013.01); **H01Q 5/378** (2015.01); **H01Q 9/0421** (2013.01); **H01Q 21/28** (2013.01)

Cited by

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