

Title (en)

Multi-band antenna, and associated methodology, for a radio communication device

Title (de)

Multiband-Antenne und entsprechendes Verfahren für ein Funkkommunikationsgerät

Title (fr)

Antenne multibande et méthodologie associée pour dispositif de communication radio

Publication

EP 2028720 B1 20121107 (EN)

Application

EP 07114890 A 20070823

Priority

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Abstract (en)

[origin: EP2028720A1] An antenna, and an associated methodology, for a portable radio device, such as a mobile station capable of operation at a plurality of frequency bands spread across a wide range of frequencies. The antenna includes a first antenna patch and a second antenna patch. The first antenna patch comprises an L-shaped patch disposed upon a substrate. A second antenna patch forms a folded patch formed of three contiguous portions, folded about fold lines in a manner to cause the second antenna patch to include a first contiguous portion that extends upwardly beyond the first antenna patch at an angle perpendicular thereto. Second and third contiguous portions are formed by folding additional portions of the second antenna patch about additional fold lines.

IPC 8 full level

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CPC (source: EP)

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Cited by

CN107112633A; GB2503862A; GB2503862B; CN106356611A; US9136594B2; US11962102B2; WO2017107057A1; WO2011022698A1

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