

Title (en)

An antenna device, an antenna system and a portable radio communication device comprising such an antenna device

Title (de)

Antennenvorrichtung, Antennensystem und tragbare Funkkommunikationsvorrichtung mit solch einer Antennenvorrichtung

Title (fr)

Dispositif d'antenne, système d'antenne et dispositif de communication radio portable comportant un tel dispositif d'antenne

Publication

**EP 2209160 B1 20120321 (EN)**

Application

**EP 09150765 A 20090116**

Priority

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Abstract (en)

[origin: EP2209160A1] The present invention relates to an antenna device for a portable radio communication device configured for simultaneous multi frequency band operation. The antenna device comprises a first elongated radiating element (1), a second elongated radiating element (2), a third elongated radiating element (3), first filtering means (4) arranged between the first and second elongated radiating elements, second filtering means (5) arranged between the second and third elongated radiating elements, and third filtering means (6) connecting the second elongated radiating element (2) to ground, wherein the first filtering means (4) is configured to block BT operating frequencies and to pass FM operating frequencies, the second filtering means (5) is configured to pass FM operating frequencies, and the third filtering means (6) is configured to ground GPS operating frequencies.

IPC 8 full level

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CPC (source: EP)

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Cited by

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