

Title (en)

An antenna device and a portable radio communication device comprising such antenna device

Title (de)

Antennenvorrichtung und tragbare Funkkommunikationsvorrichtung, die eine solche Antennenvorrichtung umfasst

Title (fr)

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

Publication

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Application

EP 08164510 A 20080917

Priority

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Abstract (en)

The present invention relates to an antenna device for a portable radio communication device adapted for simultaneous FM, BT and GPS operation. The antenna device comprises a first elongated radiating element (1) having a first end (2) and a second end (3), a second elongated radiating element (4) having a first end (5) and a second end (6), and filtering means (7), wherein the first end (2) of the first elongated radiating element (1) is configured for connection to a GPS receiver (9) and to a BT transceiver (10), the second end (3) of the first elongated radiating element (1) is connected to the filtering means (7), the first end (5) of the second elongated radiating element (4) is connected to the filtering means (7), the second end (6) of the second elongated radiating element (4) is configured for grounding, and the first radiating element (1) is configured for connection to a FM transceiver (11) close to the first end (2) of the first elongated radiating element, and the filtering means (7) is configured to pass FM and GPS operating frequencies and to stop BT operating frequencies.

IPC 8 full level

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Citation (search report)

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