

Title (en)

Tuneable radiation shielding in multiband mobile terminals

Title (de)

Abstimbare Strahlungsabschirmung in Multiband-Mobilfunkgeräten

Title (fr)

Blindage de radiation réglable pour des terminaux mobiles multibandes

Publication

**EP 1320147 A1 20030618 (EN)**

Application

**EP 01129989 A 20011217**

Priority

EP 01129989 A 20011217

Abstract (en)

An apparatus and a method of shielding a user from electromagnetic radiation (9) emanated from a mobile telecommunication device (20) with operating components (1) having electromagnetic radiation blocking characteristics are presented, the method comprising steps for providing switchable bonds (2, 3) at different positions of an operating component (1) with electromagnetic radiation blocking characteristics, and for selectively switching the bonds (2, 3) depending on a selected operation frequency band to different RF-ground potential terminals available on at least one further operating component (4) of the telecommunication device. <IMAGE>

IPC 1-7

**H01Q 7/02**

IPC 8 full level

**H01Q 1/24** (2006.01); **H01Q 7/02** (2006.01); **H01Q 19/00** (2006.01)

CPC (source: EP)

**H01Q 1/243** (2013.01); **H01Q 1/245** (2013.01); **H01Q 7/02** (2013.01); **H01Q 19/005** (2013.01)

Citation (search report)

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- [Y] PATENT ABSTRACTS OF JAPAN vol. 1999, no. 12 29 October 1999 (1999-10-29)
- [Y] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 10 17 November 2000 (2000-11-17)
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DE FR GB

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