

Title (en)

MOBILE TELEPHONE COMPRISING A MULTI-BAND ANTENNA

Title (de)

MOBILTELEFON MIT MEHRBANDANTENNE

Title (fr)

TELEPHONE MOBILE A ANTENNE MULTIBANDE

Publication

**EP 1323207 B1 20050316 (DE)**

Application

**EP 01986373 A 20011005**

Priority

- DE 0103832 W 20011005
- DE 10049410 A 20001005

Abstract (en)

[origin: WO0229926A1] The invention relates to a mobile radiotelephone comprising a multi-band antenna, which has at least one meandering conductor structure (11, 12) and a contact spring (13) for contacting the conductor structure (11, 12) to a transmitting-receiving electronics device. According to the invention, the meandering conductor structure (11, 12) and the contact spring (13) are formed as a one-piece stamped flexural part while not overlapping.

IPC 1-7

**H01Q 1/38; H01Q 1/24; H04B 1/38; H04Q 5/00; H01Q 1/36; H01Q 21/30**

IPC 8 full level

**H01Q 1/24 (2006.01); H01Q 1/36 (2006.01); H01Q 1/38 (2006.01); H01Q 5/371 (2015.01); H01Q 21/30 (2006.01); H04B 1/38 (2006.01); H04Q 5/00 (2006.01)**

CPC (source: EP US)

**H01Q 1/243 (2013.01 - EP US); H01Q 1/36 (2013.01 - EP US); H01Q 5/371 (2015.01 - EP US); H01Q 21/30 (2013.01 - EP US)**

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

**WO 0229926 A1 20020411; CN 100490247 C 20090520; CN 1592988 A 20050309; DE 10049410 A1 20020411; DE 50105641 D1 20050421; EP 1323207 A1 20030702; EP 1323207 B1 20050316; US 2004051672 A1 20040318; US 6853352 B2 20050208**

DOCDB simple family (application)

**DE 0103832 W 20011005; CN 01816965 A 20011005; DE 10049410 A 20001005; DE 50105641 T 20011005; EP 01986373 A 20011005; US 39866503 A 20031009**