

Title (en)

Device allowing a portable device to receive and/or transmit radio signals and associated system

Title (de)

Vorrichtung, die es einem tragbaren Gerät erlaubt, Funksignale zu empfangen und/oder auszusenden und entsprechendes System

Title (fr)

Dispositif pour permettre à un appareil portable de recevoir et/ou d'émettre des signaux radiofréquences et système associé

Publication

EP 2056397 A1 20090506 (FR)

Application

EP 08290984 A 20081020

Priority

FR 0707684 A 20071031

Abstract (en)

The device (1) has detachable rigid mechanical connections (3, 6) for connecting an electronic sub-assembly of the device to a digital portable electronic apparatus. Two stable telescopic antennas (2) e.g. magnetic loop antenna, are operated in diversity, and are integrated with the device by implementing mechanical connections. The mechanical connections maintain relative positions of the antennas and the device in the absence of application of exterior forces between elements.

Abstract (fr)

Accessoire comprenant au moins deux antennes pour recevoir et/ou émettre des signaux radiofréquence sur un appareil électronique portable à l'aide de moyens autonomes et compacts permettant une utilisation en mobilité.

IPC 8 full level

H01Q 1/24 (2006.01); **H01Q 21/28** (2006.01)

CPC (source: EP US)

H01Q 1/242 (2013.01 - EP US); **H01Q 1/244** (2013.01 - EP US); **H01Q 21/28** (2013.01 - EP US)

Citation (search report)

- [X] EP 0833455 A2 19980401 - NOKIA MOBILE PHONES LTD [FI]
- [X] GB 2309830 A 19970806 - NEC CORP [JP]
- [A] EP 1608085 A2 20051221 - LG ELECTRONICS INC [KR]
- [A] US 2003197657 A1 20031023 - TRAN ALLEN [US]

Cited by

EP2360783A3; EP2360788A3

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 2056397 A1 20090506; **EP 2056397 B1 20110420**; AT E506713 T1 20110515; DE 602008006327 D1 20110601; FR 2923120 A1 20090501; FR 2923120 B1 20100507; US 2009109113 A1 20090430

DOCDB simple family (application)

EP 08290984 A 20081020; AT 08290984 T 20081020; DE 602008006327 T 20081020; FR 0707684 A 20071031; US 26204308 A 20081030