

Title (en)

Radio transmission apparatus with a retractable antenna and an antenna for such apparatus

Title (de)

Funkübertragungseinrichtung mit einer ausziehbaren Antenne und eine Antenne für eine solcher Einrichtung

Title (fr)

Appareil de radiotransmission comportant un dispositif d'antenne repliable et dispositif d'antenne pour un tel appareil

Publication

**EP 0833402 A1 19980401 (FR)**

Application

**EP 97202822 A 19970915**

Priority

FR 9611667 A 19960925

Abstract (en)

The retractable antenna has a first helix section (35) and a second helix section (25) which are separated by an antenna rod (30), in an extended position. The second helix is situated in the region of an extremity of a drive connection. In the retracted position the helix antennas connect directly. In the open position, a quarter wavelength antenna is formed, producing a wide bandwidth, whilst in the retracted position the available bandwidth is much narrower. The antenna is connected to an output section (20).

Abstract (fr)

Appareil de radiotransmission comportant une antenne dépliable formée par : une excitation (20), une première hélice (25), un brin de rayonnement (30), une deuxième hélice (35), un élément isolant (50) pour isoler la seconde extrémité dudit brin de ladite deuxième hélice. Application : radiotéléphonie cellulaire. <IMAGE> <IMAGE>

IPC 1-7

**H01Q 1/24**; **H04B 1/38**

IPC 8 full level

**H01Q 1/10** (2006.01); **H01Q 1/24** (2006.01); **H01Q 11/08** (2006.01)

CPC (source: EP US)

**H01Q 1/24** (2013.01 - EP US); **H01Q 1/244** (2013.01 - EP US)

Citation (search report)

- [XY] WO 9512224 A1 19950504 - ALLGON AB [SE], et al
- [DY] EP 0644606 A1 19950322 - FUJITSU LTD [JP]

Cited by

EP0825672A3; EP0986132A3; GB2335312B; US6417808B1; US6777117B1

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**EP 0833402 A1 19980401**; **EP 0833402 B1 20041208**; DE 69731861 D1 20050113; DE 69731861 T2 20060302; JP 3919895 B2 20070530; JP H10112606 A 19980428; US 5900839 A 19990504

DOCDB simple family (application)

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