

Title (en)

Lighting antenna and radio communication device with such an antenna

Title (de)

Leuchtantenne und Gerät zur Funkkommunikation mit einer derartigen Antenne

Title (fr)

Antenne lumineuse et équipement de radio-communication muni d'une telle antenne.

Publication

EP 0865098 B1 20011004 (FR)

Application

EP 98200315 A 19980203

Priority

FR 9701747 A 19970214

Abstract (en)

[origin: EP0865098A1] The aerial has the external appearance of a shaft and is provided with a light source. The aerial itself comprises a light guide (9) with a part on the surface of the light guide (9T) which is designed to diffuse the light. The light source (10) is mounted outside the aerial itself. The light guide may be formed in one piece, with the diffusing section formed by treatment of the surface of the light guide material - for example by un-polishing the surface. This guide is then surrounded by the conducting wire forming the aerial in the form of a helicoidal spring. An outer translucent envelope may then cover the complete assembly. The aerial is attached to a portable telephone and the light source controlled to produce flashes of light.

IPC 1-7

H01Q 1/06

IPC 8 full level

H01Q 1/06 (2006.01); **H01Q 9/30** (2006.01); **H04M 1/02** (2006.01); **H04Q 7/38** (2006.01); **H04W 88/02** (2009.01)

CPC (source: EP US)

H01Q 1/06 (2013.01 - EP US)

Cited by

EP1003237A1; GB2332119A; GB2332119B; US6130646A; US6262686B1; WO0225766A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 0865098 A1 19980916; **EP 0865098 B1 20011004**; DE 69801852 D1 20011108; DE 69801852 T2 20020529; JP H10284914 A 19981023; US 6215984 B1 20010410

DOCDB simple family (application)

EP 98200315 A 19980203; DE 69801852 T 19980203; JP 2994098 A 19980212; US 2125898 A 19980210