

Title (en)

Device for receiving and/or transmitting an electromagnetic wave

Title (de)

Gerät zum Empfangen und/oder Senden einer elektromagnetischen Schwingung

Title (fr)

Appareil pour recevoir et/ou émettre d'onde électromagnétique

Publication

EP 0822609 B1 20020508 (DE)

Application

EP 97202278 A 19970721

Priority

DE 19630505 A 19960729

Abstract (en)

[origin: EP0822609A1] The device has an antenna element and at least two waveguide assemblies (2,3), each connected via supply devices (4-7) to a connecting point of the antenna element, and otherwise mutually insulated with respect to the electromagnetic radiation. Each contains a conductor part coupled into the assemblies for transferring the electromagnetic oscillation. The waveguide assemblies emit or receive the electromagnetic oscillations via the supply devices, and the conductor parts are designed to receive and/or radiate the oscillations, being matched to the antenna elements.

IPC 1-7

H01Q 1/24; **H01Q 21/29**; **H01Q 11/08**

IPC 8 full level

H01Q 1/46 (2006.01); **H01Q 1/24** (2006.01); **H01Q 11/08** (2006.01); **H01Q 21/29** (2006.01)

CPC (source: EP US)

H01Q 1/242 (2013.01 - EP US); **H01Q 1/243** (2013.01 - EP US); **H01Q 11/08** (2013.01 - EP US); **H01Q 21/29** (2013.01 - EP US)

Cited by

EP2122752A4; US8350762B2

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 0822609 A1 19980204; **EP 0822609 B1 20020508**; DE 59707197 D1 20020613; JP 4274389 B2 20090603; JP H1079617 A 19980324; US 6150983 A 20001121

DOCDB simple family (application)

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