

Title (en)

HF CONNECTION FOR JOINING AN HF COMPONENT TO AN ANTENNA

Title (de)

HF-VERBINDUNG FÜR EINE VERBINDUNG EINER HF-KOMPONENTE MIT EINER ANTENNE

Title (fr)

CONNEXION HF POUR LA CONNEXION D'UN COMPOSANT HF ET D'UNE ANTENNE

Publication

EP 1636872 A1 20060322 (DE)

Application

EP 04739988 A 20040617

Priority

- EP 2004006529 W 20040617
- DE 10328880 A 20030626

Abstract (en)

[origin: WO2005001987A1] Disclosed is an improved HF connection for joining an HF component to an antenna. Said HF connection is characterized by the following features: the electrical HF connection between the HF component (319) and the additional HF component (315) is established via an interface (321) in such a way that at least two inner conductor sections and/or two outer conductor sections are or can be coupled in an electrically-galvanically contactless manner; a connector (7) is provided at the antenna end while a connector (9) is provided which cooperates therewith and is part of the connectable component (319); and the connectable component (319) can be joined in an HF fashion to the antenna by sliding the at least one associated connector (9) into or out of the correspondingly configured connector (7) located at the antenna end.

IPC 1-7

H01P 1/04; **H01P 1/06**; **H01Q 23/00**

IPC 8 full level

H01P 1/04 (2006.01); **H01P 1/06** (2006.01); **H01Q 23/00** (2006.01); **H01R 13/646** (2011.01)

CPC (source: EP)

H01P 1/045 (2013.01); **H01P 1/065** (2013.01); **H01Q 23/00** (2013.01); **H01R 24/42** (2013.01); **H01R 2103/00** (2013.01); **H01R 2201/02** (2013.01)

Citation (search report)

See references of WO 2005001987A1

Designated contracting state (EPC)

DE ES FR GB

DOCDB simple family (publication)

WO 2005001987 A1 20050106; CN 2676431 Y 20050202; DE 10328880 A1 20050120; DE 10328880 B4 20070830; DE 502004004518 D1 20070913; EP 1636872 A1 20060322; EP 1636872 B1 20070801; ES 2288259 T3 20080101

DOCDB simple family (application)

EP 2004006529 W 20040617; CN 03207894 U 20030912; DE 10328880 A 20030626; DE 502004004518 T 20040617; EP 04739988 A 20040617; ES 04739988 T 20040617