

Title (en)

ANTENNA INTERFACE FOR A RADIO RECEIVER

Title (de)

ANTENNENSCHNITTSTELLE FÜR EINEN FUNKEMPFÄNGER

Title (fr)

INTERFACE D'ANTENNE POUR POSTE À RADIOFRÉQUENCES

Publication

**EP 2572406 B1 20190814 (FR)**

Application

**EP 11727249 A 20110520**

Priority

- FR 1002131 A 20100520
- FR 2011051154 W 20110520

Abstract (en)

[origin: WO2011144881A1] The invention relates to an interface (8) which comprises a socket (10) and a plug (12). The socket (10) comprises a body (11) and two coaxial cables (22), each comprising a core (22A), a braid (22C) coaxial to the core (22A), and an electric insulator (22B) between the core (22A) and the braid (22C). Each coaxial cable (22) extends between a first end connected to a printed circuit board of the receiver and a second end at which the braid (22C) is electrically connected to the body (11), and at which the core (22A) can be accessed through an opening (21B) made in the body. The plug (12) comprises a body (27) and at least two contactors (36), such that, when the plug (12) and the socket (10) are connected, each contactor (36) is arranged opposite an opening (21B) such that the core (22A) of a respective cable (22) is electrically connected to said contactor (36), and the braid (22C) of each cable (22) is electrically connected to the body (27) of the plug via the body (11).

IPC 8 full level

**H01R 13/24** (2006.01)

CPC (source: EP KR US)

**H01R 13/24** (2013.01 - KR); **H01R 13/2421** (2013.01 - EP US); **H01R 13/6474** (2013.01 - EP US); **H01R 24/52** (2013.01 - EP US); **H01R 2201/02** (2013.01 - EP US)

Citation (examination)

DE 202009003592 U1 20090520 - ROSENBERGER HOCHFREQUENZTECH [DE]

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**WO 2011144881 A1 20111124**; BR 112012029408 A2 20190924; CN 103098309 A 20130508; CN 103098309 B 20160330; EP 2572406 A1 20130327; EP 2572406 B1 20190814; FR 2960348 A1 20111125; FR 2960348 B1 20130315; IL 223093 A0 20130203; IL 223093 B 20180731; JP 2013529363 A 20130718; JP 5727003 B2 20150603; KR 20130124456 A 20131114; MY 157605 A 20160630; US 2013072058 A1 20130321; US 8771012 B2 20140708

DOCDB simple family (application)

**FR 2011051154 W 20110520**; BR 112012029408 A 20110520; CN 201180030963 A 20110520; EP 11727249 A 20110520; FR 1002131 A 20100520; IL 22309312 A 20121118; JP 2013510665 A 20110520; KR 20127032871 A 20110520; MY PI2012005005 A 20110520; US 201113699274 A 20110520