

Title (en)

RETAINING AND/OR FASTENING FRAME WHICH IS FORMED ON OR IN A MOBILE-COMMUNICATIONS ANTENNA AND/OR ON OR IN AN ELECTRONIC AND/OR FILTER MODULE, OR WHICH CAN BE FASTENED THEREON, AND AN ASSOCIATED MOBILE-COMMUNICATIONS ANTENNA

Title (de)

HALTE- UND/ODER BEFESTIGUNGSRAHMEN, DER AN BZW. IN EINER MOBILFUNKANTENNE UND/ODER AN BZW. IN EINEM ELEKTRONIK- UND/ODER FILTERMODUL AUSGEBILDET ODER DARAN BEFESTIGBAR IST, SOWIE EINE DAZUGEHÖRIGE MOBILFUNKANTENNE

Title (fr)

CADRE DE MAINTIEN ET/OU DE FIXATION FORMÉ OU POUVANT ÊTRE FIXÉ SUR OU DANS UNE ANTENNE RADIO MOBILE ET/OU SUR OU DANS UN MODULE ÉLECTRONIQUE ET/OU FILTRANT, ET ANTENNE RADIO MOBILE ASSOCIÉE

Publication

**EP 3504750 A1 20190703 (DE)**

Application

**EP 17757522 A 20170822**

Priority

- DE 102016116081 A 20160829
- EP 2017071145 W 20170822

Abstract (en)

[origin: WO2018041674A1] A retaining and/or fastening frame (10) which is formed on or in a mobile-communications antenna (1) and/or on or in an electronic and/or filter module (4), or which can be fastened thereon, comprises a frame carrier (11) which is, or can be, fastened for example on a mobile-communications antenna (1). A movable plug-connector-receiving sleeve (12) comprises a housing wall (14), encircling a longitudinal axis (13) of the movable plug-connector-receiving sleeve (12) at least in part, and has two end sides (12a, 12b) located opposite one another. The encircling housing wall (14) surrounds an accommodating space (15), in which an antenna-side plug connector (9a) is, or can be, arranged. A connection port (6a) and/or a module-side plug connector (7a) of an electronic and/or filter module (4) can be introduced into the accommodating space (15). The movable plug-connector-receiving sleeve (12) is, or can be, connected directly or indirectly to the frame carrier (11) by means of a play-compensation device (16), with an amount of play being permitted, as a result of which the movable plug-connector-receiving sleeve (12) can be moved in relation to the frame carrier (11) in at least one direction transverse to the longitudinal axis (13).

IPC 8 full level

**H01Q 1/24** (2006.01); **H01Q 1/12** (2006.01); **H01R 13/631** (2006.01)

CPC (source: EP US)

**H01Q 1/20** (2013.01 - US); **H01Q 1/246** (2013.01 - EP US); **H01R 13/6315** (2013.01 - EP US); **H01R 2201/02** (2013.01 - EP US)

Citation (search report)

See references of WO 2018041674A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**DE 102016116081 A1 20180301**; CN 109997276 A 20190709; CN 109997276 B 20210319; EP 3504750 A1 20190703; EP 3504750 B1 20220817; US 10985439 B2 20210420; US 2019207293 A1 20190704; WO 2018041674 A1 20180308

DOCDB simple family (application)

**DE 102016116081 A 20160829**; CN 201780053334 A 20170822; EP 17757522 A 20170822; EP 2017071145 W 20170822; US 201716328964 A 20170822