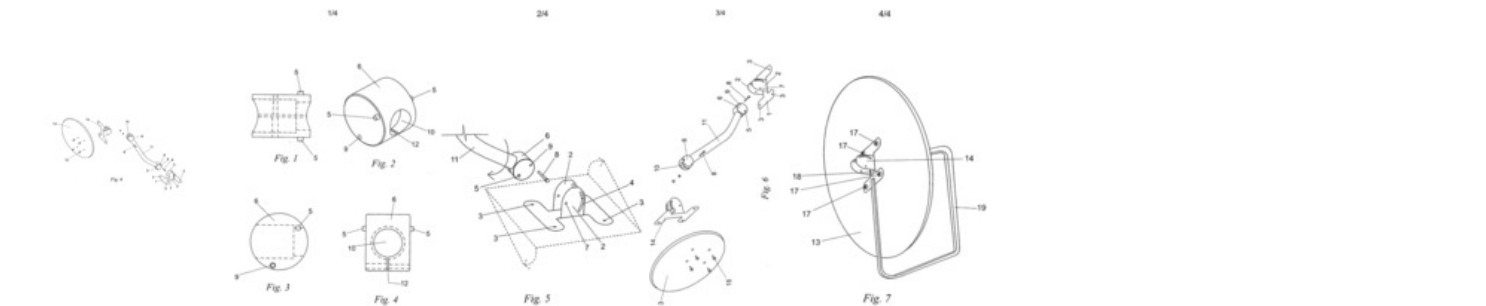


13 results for (ANTENNA AND LNBF AND SEMICIRCULAR)/CLMS/TI/AB/IW/TX - Collection: FAMPAT

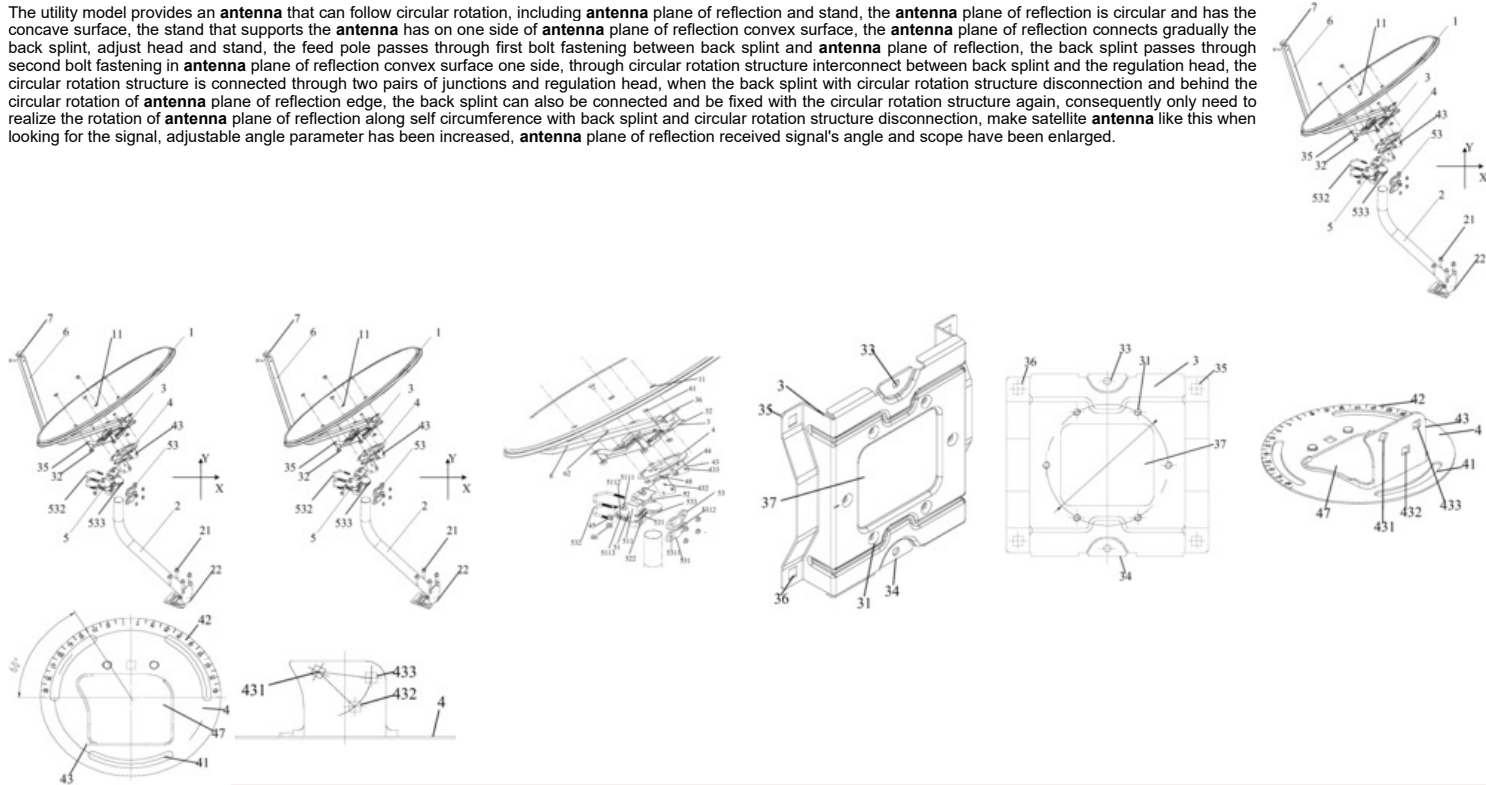
#	Title	Publication number	1st App. date	Applicant/Assignee	1st Publ. date	Publ. date
1.	Parabolic antenna fastening method	WO2016000050	2014-07-04	ALTAIR CARVALHO SILVA CARVALHO SILVA ALTAIR*	2016-01-07	2016-01-07

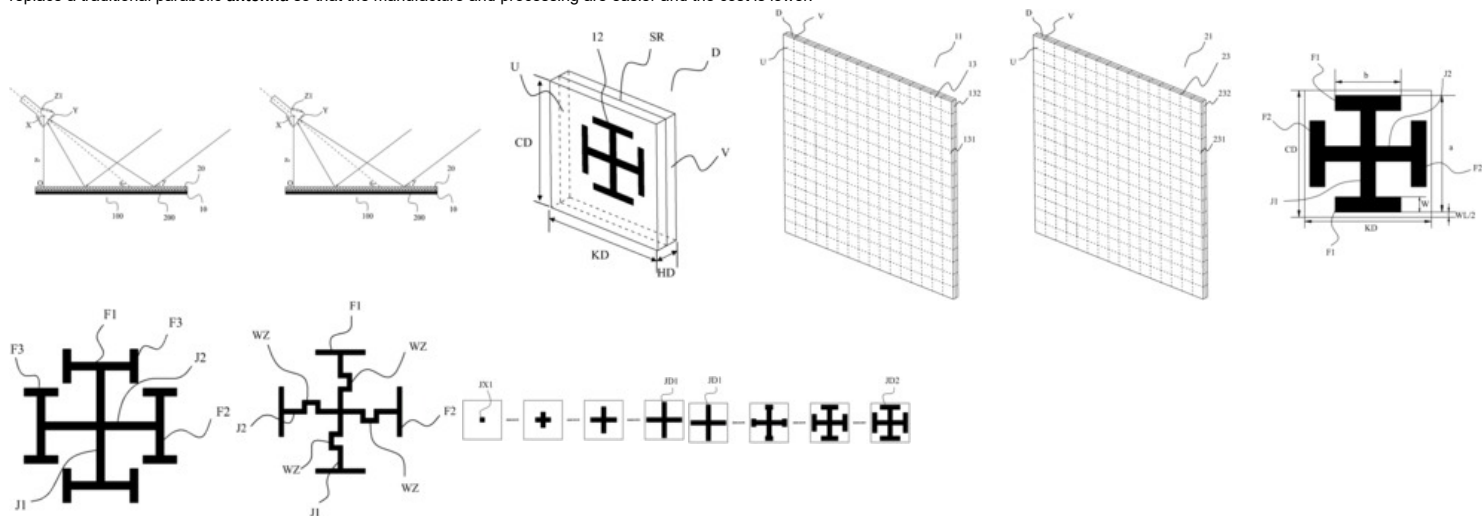
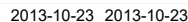
The invention pertains to the field of electro-electronic equipment for capturing television signals, and comprises a base (1) for fastening the **antenna** to the surface, formed by a plate with 90° folds (2) and holes (3) for the passage of fastening elements for fastening to the surface, as well as **semicircular** openings (4) for guiding the protruding element (5) integrated in the coupler (6), the folds (2) being also provided with holes (7) through which the fastening elements (8) for fastening to the coupler (6) extend, the couplers (6) being formed by cylindrical bodies with holes (9) and projections (5), as well as a large, two-part opening (10) in the central region thereof, such that said couplers (6) are attached to a slightly curved cylindrical tube (11) and have hollow ends (12), allowing the passage of the coaxial cable (non-depicted) which is connected to the low-noise block converter **LNBF** (non-depicted); the parabolic dish (13) is fastened to the upper base (14) by fastening means (15) fastened in turn to the coupler (6) in that two pairs of internally threaded projections (17) and a tongue (18) for fastening the **LNBF** support (19) are provided in the upper base (14).



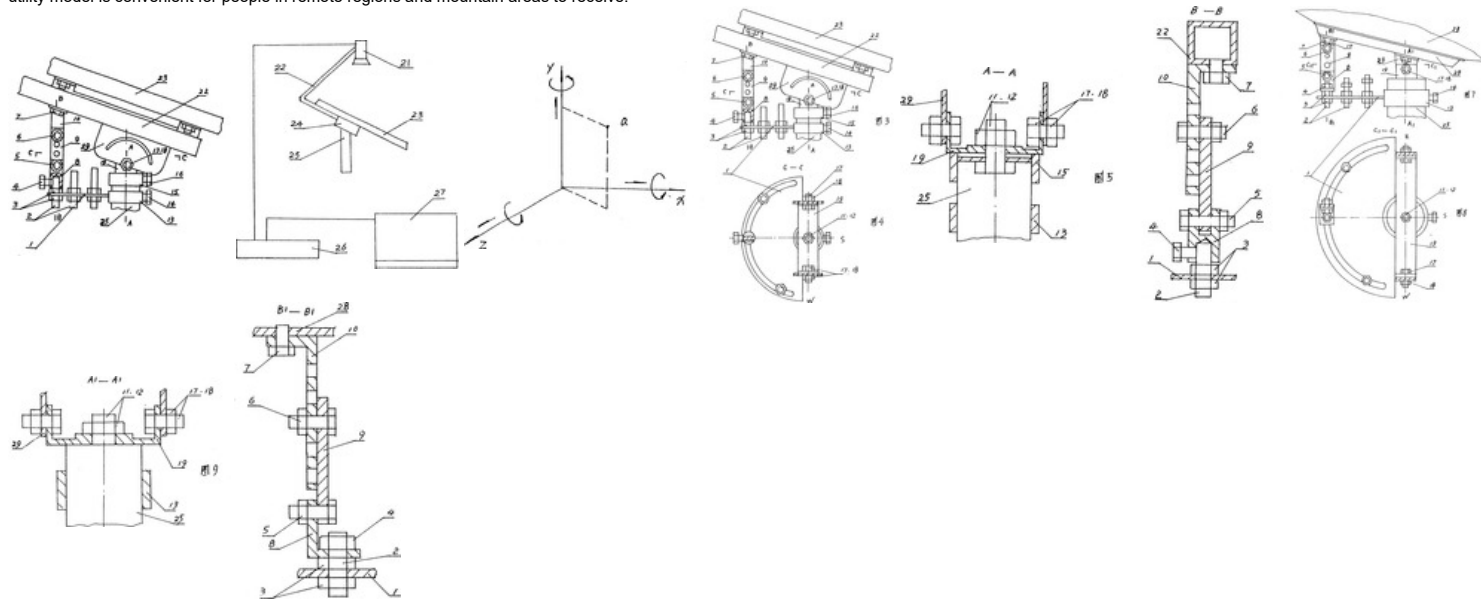
2.	Antenna that can follow circular rotation	CN204793155	2015-07-03	SIWEIKE ELECTRONIC SUZHOU*	2015-11-18	2015-11-18
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The utility model provides an **antenna** that can follow circular rotation, including **antenna** plane of reflection and stand, the **antenna** plane of reflection is circular and has the concave surface, the stand that supports the **antenna** has on one side of **antenna** plane of reflection convex surface, the **antenna** plane of reflection connects gradually the back splint, adjust head and stand, the feed pole passes through first bolt fastening between back splint and **antenna** plane of reflection, the back splint passes through second bolt fastening in **antenna** plane of reflection convex surface one side, through circular rotation structure interconnect between back splint and the regulation head, the circular rotation structure is connected through two pairs of junctions and regulation head, when the back splint with circular rotation structure disconnection and behind the circular rotation of **antenna** plane of reflection edge, the back splint can also be connected and be fixed with the circular rotation structure again, consequently only need to realize the rotation of **antenna** plane of reflection along self circumference with back splint and circular rotation structure disconnection, make satellite **antenna** like this when looking for the signal, adjustable angle parameter has been increased, **antenna** plane of reflection received signal's angle and scope have been enlarged.

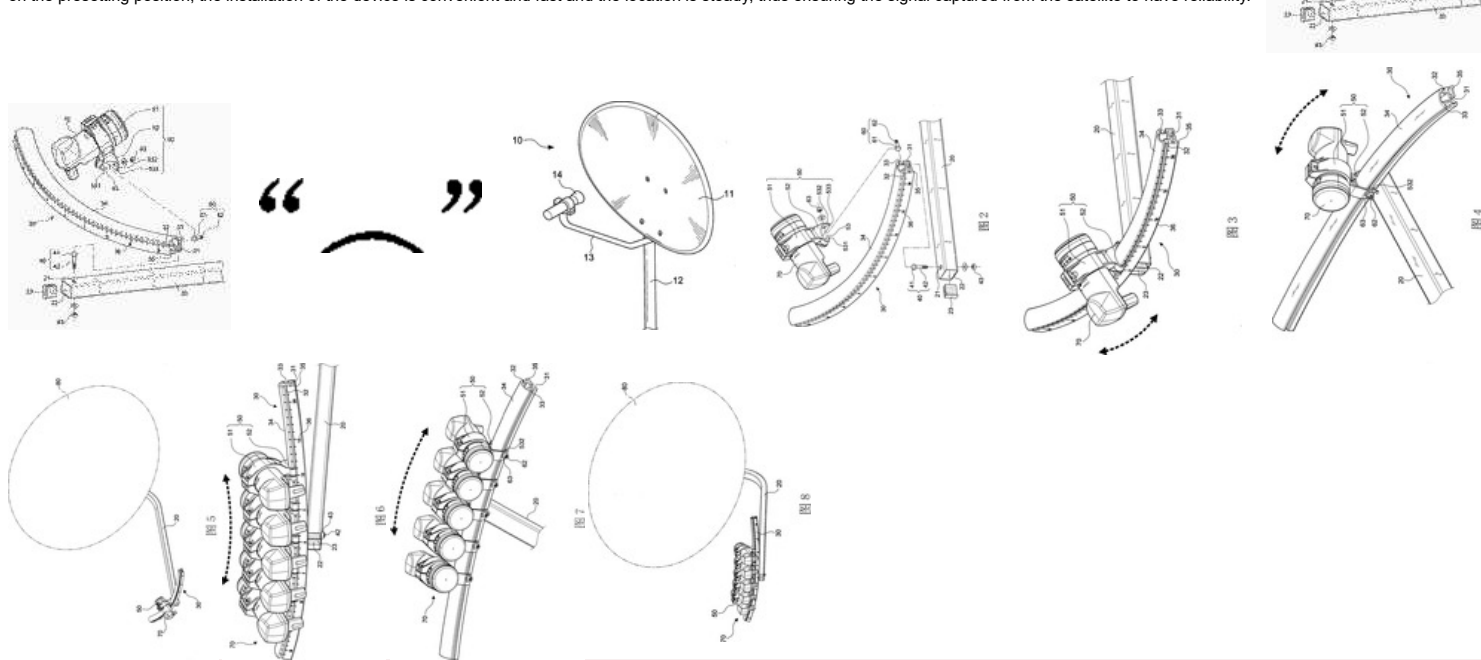




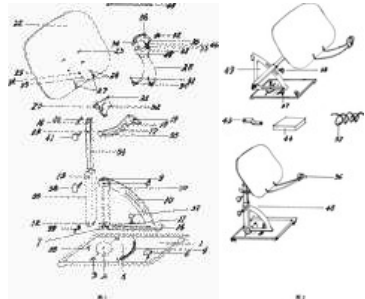
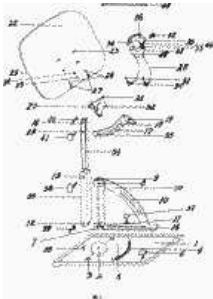
The utility model relates to a hand-driven polar-axis seat for a multi-satellite television receiving **antenna**, which is arranged on an upright post of a support, wherein the top end of the upright post is provided with an adjusting mechanism and a supporting rod, and the supporting rod is provided with an **antenna** and is connected to a high-frequency head. An output signal line of the high-frequency head is connected to a satellite receiver, and then the output signal line of the high-frequency head is connected with a television. The utility model is characterized in that the adjusting mechanism is reformed to a hand-driven polar-axis seat; a bracket is installed on the top end of the hand-driven polar-axis seat and is connected with an L-shaped rod or a support seat of a tray; the lower part of the bracket is fixed on the upright post by a locking sleeve and a locking screw; the locking sleeve of the upright post is connected with an azimuth angle adjusting disk; an **antenna** elevation angle fine adjusting screw rod which is installed on the locking sleeve is fixed on the azimuth angle adjusting disk; a positioning base or a positioning sleeve which is connected with an elevation angle connecting rod and an elevation angle adjusting rod is sheathed on the fine adjusting screw rod, and the positioning base or the positioning sleeve is connected with the L-shaped rod or the locking screw below the tray; an azimuth angle support seat is fixed on the upright post by an azimuth angle locking screw and a locking nut, and both ends of the azimuth angle support seat are provided with elevation angle locking screws. The utility model can optionally adjust the angle according to satellite position, focus exactly, and can be repeatedly locked and positioned. Under the condition that the existing diameter and the existing basic structure of the receiving **antenna** are unchanged, the utility model is convenient for people in remote regions and mountain areas to receive.



The utility model relates to an erecting device for wave connecting devices of a satellite **antenna**; the inner side end of a connecting pole is fixed on the back surface of a satellite **antenna** disc body, and the outer side end thereof can convexly extend to the front of the disc body straightly; an installation pole is arranged at the outer side end of the connecting pole transversely and takes an inward bending-arc shape corresponding to the satellite **antenna** disc body; a first C-shaped groove, the opening of which is downward, is arranged on the bottom edge of the section of the installation pole; a second C-shaped groove, the opening of which is outward, is arranged at the outer side of the installation pole, and a third C-shaped groove, the opening of which is inward, is arranged at the inner side of the installation pole; a clamping device which is used for tightening the wave connecting device is arranged at the upper section part of a clamping seat, and a locating seat is arranged at the lower section part of the clamping seat; the clamping device takes the locating seat as a standard and is an inclined shape; the locating seat, matching the shape of the upper section part of the installation pole, leads the bottom part thereof to be a sliding chute, the opening of which is downward, and the outer side of the sliding chute, corresponding to the second C-shaped groove, is provided with a blocking tenon which is embedded with the side of the installation pole transversely, displacement can be adjusted and the installation pole can be re-fixed on the presetting position; the installation of the device is convenient and fast and the location is steady, thus ensuring the signal captured from the satellite to have reliability.

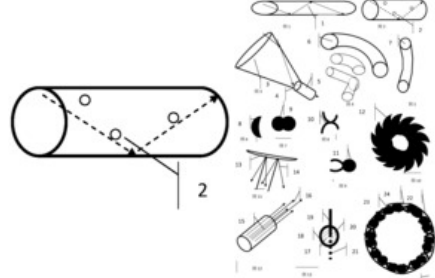
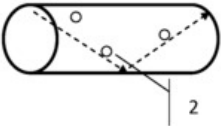


7.	Satellite live broadcast antenna and suite combined receiving method	CN101017924	2006-11-09	TU XIAODE	2007-08-15 2007-08-15
The disclosed satellite live antenna frees to assemble on ground, whose azimuth angle and elevation angle can be adjusted flexibly, and structure so simple that anyone with its instruction book and a wrench can handle the signal receiving. This invneiton has wide application in military, satellite TV and meteorological satellite.					



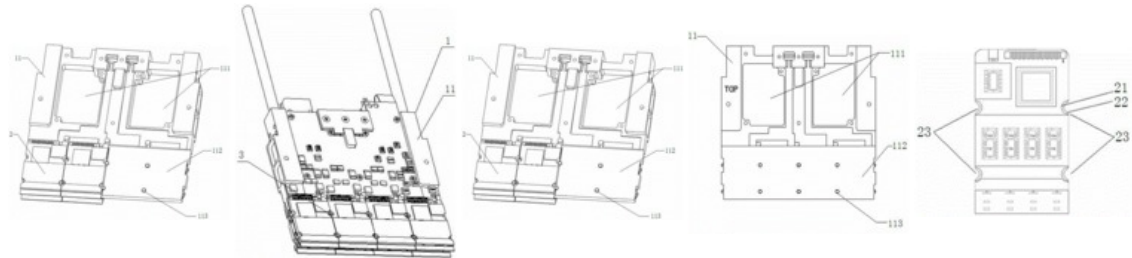
8.	Electromagnetic glass fiber tube for transmitting high-frequency electromagnetic wave information in bending way	CN104810586	2015-05-12	LIN GUOGANG	2015-07-29 2015-07-29
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The invention discloses an electromagnetic glass fiber tube for transmitting high-frequency electromagnetic wave information in a bending way, electromagnetic glass fiber tube or magnetic fiber for short. The electromagnetic glass fiber tube is structurally characterized in that an inward surface layer inside the tube is an inner surface layer made of a metal material, and a thin pipeline with a metal surface is formed; high-frequency electromagnetic waves loading a large amount of information are transmitted on a path paved in a linear or bent or branched and individual way along the magnetic fiber in a reflective or linear way on the metal surface of the pipeline; an **antenna** is mounted through a pipeline or a port or a branch port in a way of being isolated by an insulating material on the path; through the **antenna**, the equipment can transmit or receive or continuously transmitting electromagnetic waves, so that the mass supply and demand information relations of various users are met, and peripheral utilization is realized in a point-to-point or point-to-multipoint or multipoint to point way; the magnetic fiber can be taken as a high-power power line; large information and large power are transmitted together on one magnetic fiber in a 'power-information' integration way, so that resources are saved, emission is reduced, and a clean and broad environment is created; the magnetic fiber has larger information transmission amount than an optical fiber, and is simple, durable and practicable.



9.	Mounting module composed of ltcc component and structure cavity	CN103926565	2014-05-08	RML TECHNOLOGY*	2014-07-16 2014-07-16
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The invention relates to the technical field of designing of a T/R component in active phased array radar, in particular to a mounting module composed of an LTCC component and a structure cavity. The mounting module comprises the structure cavity and the LTCC component. A thread hole is formed in a mounting groove zone for mounting the LTCC component on the surface of a structure plate, namely a component of the structure cavity, in addition, the LTCC component composed of a tungsten copper plate is welded to the back of an LTCC template, a mounting hole is formed in the edge of the LTCC template, the mounting hole is in a **semicircular** shape, and the radius of a mounting hole in the tungsten copper plate is smaller than that of the mounting hole in the LTCC template. The mode that the tungsten copper plate is pressed through a screw is used for fixing the LTCC component to a mounting groove in the structure plate, through the fixing mode, the LTCC template can be maintained and replaced conveniently, the LTCC template cannot be damaged easily, the tungsten copper plate and the structure plate are arranged through a screw, a certain gap exists, in high-low-temperature working environments, micro expansion/contraction of the tungsten copper plate and the structure plate cannot be limited, and the LTCC template cannot be damaged.



10.

Installation module composed of ltcc component and structure cavity

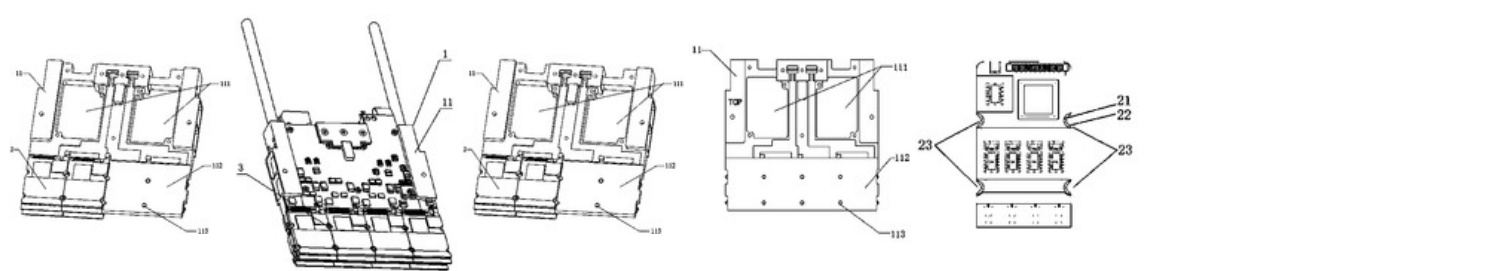
CN203838335

2014-05-08

RML TECHNOLOGY*

2014-09-17 2014-09-17

The utility model relates to the technical field of design of T/R components in active phased-array radar, and particularly relates to an installation module composed of an LTCC component and a structure cavity. The installation module comprises an LTCC component and a structure cavity. An installation groove region, used for installing the LTCC component, on the surface of a structure plate, a component of the structure cavity, is provided with threaded holes. In addition, the edge of the LTCC component formed by welding a tungsten copper plate on the back of an LTCC template is provided with **semicircular** installation holes, and the radius of installation holes of the tungsten copper plate is smaller than that of installation holes of the LTCC template. The LTCC component is fixed at the position of the installation groove of the structure plate by pressing the tungsten copper plate with screws. The fixing mode makes maintenance and replacement of the LTCC template convenient and makes the LTCC template not easy to damage. A mode of installation through use of screws is adopted between the tungsten copper plate and the structure plate, and a gap exists between the two plates so that tiny expansion/contraction of the plates in high-temperature and low-temperature working environments are not restricted, and the LTCC template is not easy to damage.



11.

Convenient-to-mount ltcc assembly

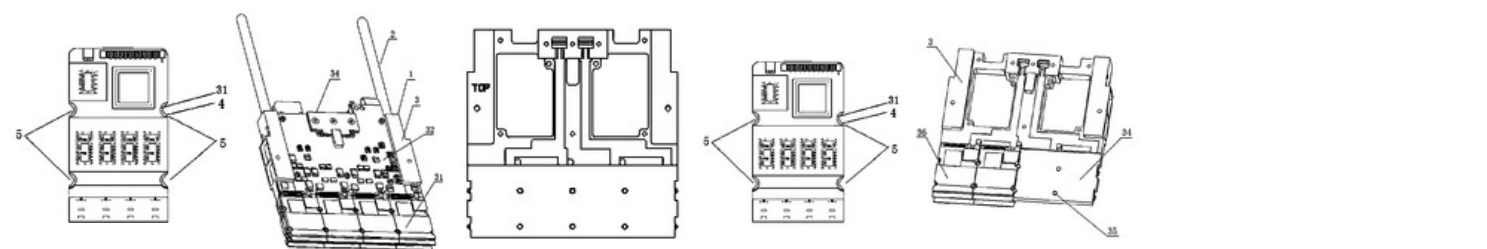
CN203870246

2014-05-08

RML TECHNOLOGY*

2014-10-08 2014-10-08

The utility model relates to the technical field of design of T/R modules in active phased-array radar, and particularly relates to an LTCC assembly which can be conveniently mounted on a T/R radio frequency module. A convenient-to-mount LTCC assembly comprises an LTCC template, and a tungsten copper plate welded to the back of the LTCC template. The edge of the LTCC assembly is provided with **semicircular** mounting holes. The radius of the mounting holes of the tungsten copper plate is smaller than that of the mounting holes of the LTCC template. The tungsten copper plate is welded to the back of the LTCC template to form the LTCC assembly. The edge of the LTCC assembly is provided with the mounting holes, which enables the LTCC assembly to be fixed on a structure plate by pressing the tungsten copper plate with screws. The mode of fixation facilitates maintenance and replacement of the LTCC template and makes the LTCC template not easy to damage.



12.

Retaining device for receiver heads, has connecting unit fastened at upper sides of two components by screw connections, where components engage housings of respective receiver heads and connecting unit connects two components

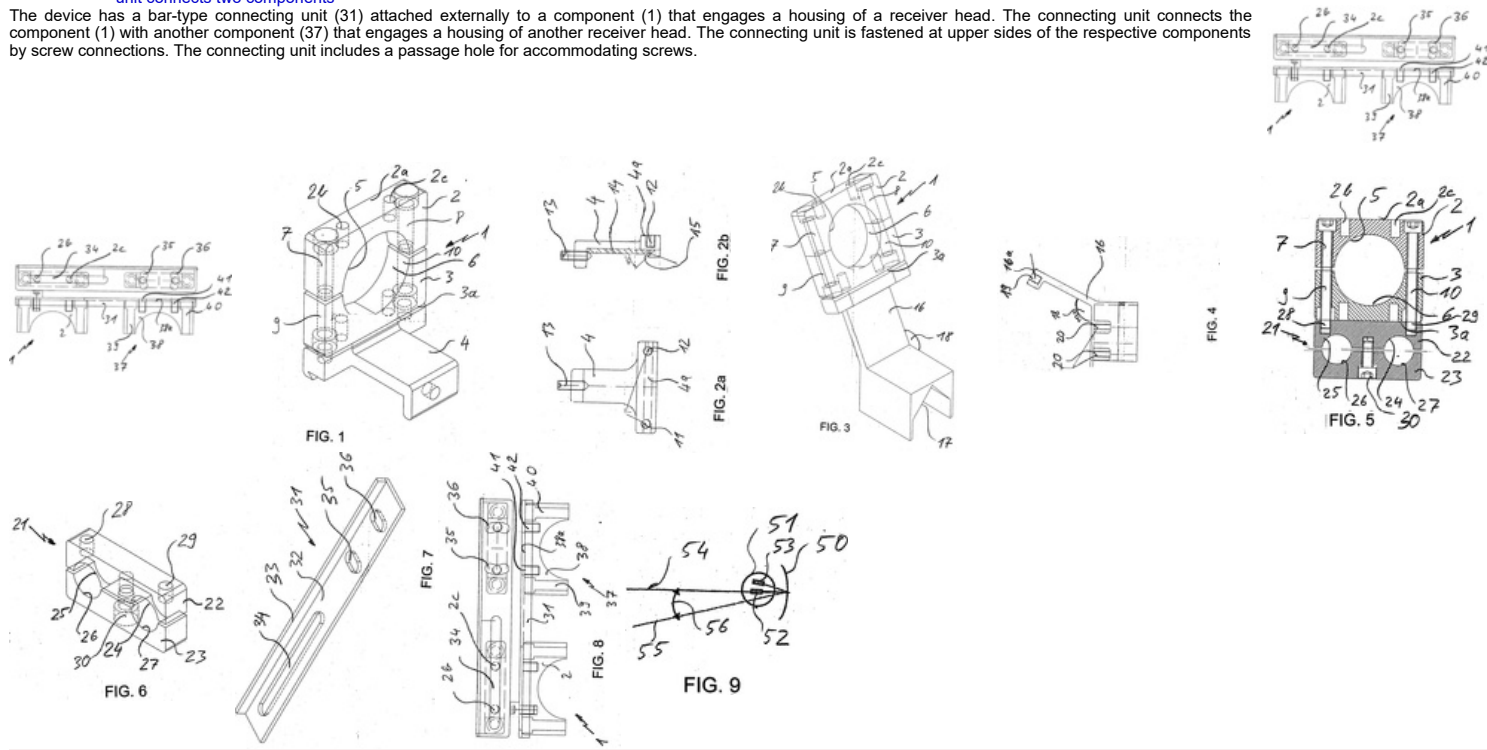
DE102005012325

2005-03-17

SAT ANTENNEN ZUBEHOER*

2006-09-21 2006-09-21

The device has a bar-type connecting unit (31) attached externally to a component (1) that engages a housing of a receiver head. The connecting unit connects the component (1) with another component (37) that engages a housing of another receiver head. The connecting unit is fastened at upper sides of the respective components by screw connections. The connecting unit includes a passage hole for accommodating screws.



The invention relates to the technical field of designing T/R assemblies in an active phased array radar, in particular to an LTCC assembly which can be installed on a T/R radio frequency module conveniently. The LTCC assembly convenient to install comprises an LTCC template and a tungsten bronze board welded to the back of the LTCC template, installing holes are formed in the edge of the LTCC assembly and are in a semi-circular shape, and the radius of installing holes in the tungsten bronze board is smaller than that of installing holes in the LTCC template. The tungsten bronze board is welded to the back of the LTCC template to form the LTCC assembly, the installing holes are formed in the edge of the LTCC assembly so that the LTCC assembly can be fixed to a structural board conveniently in the mode of compressing the tungsten bronze board through screws, and due to the fixing mode, the LTCC template is convenient to maintain and replace and not prone to being damaged.

