

11 Documents

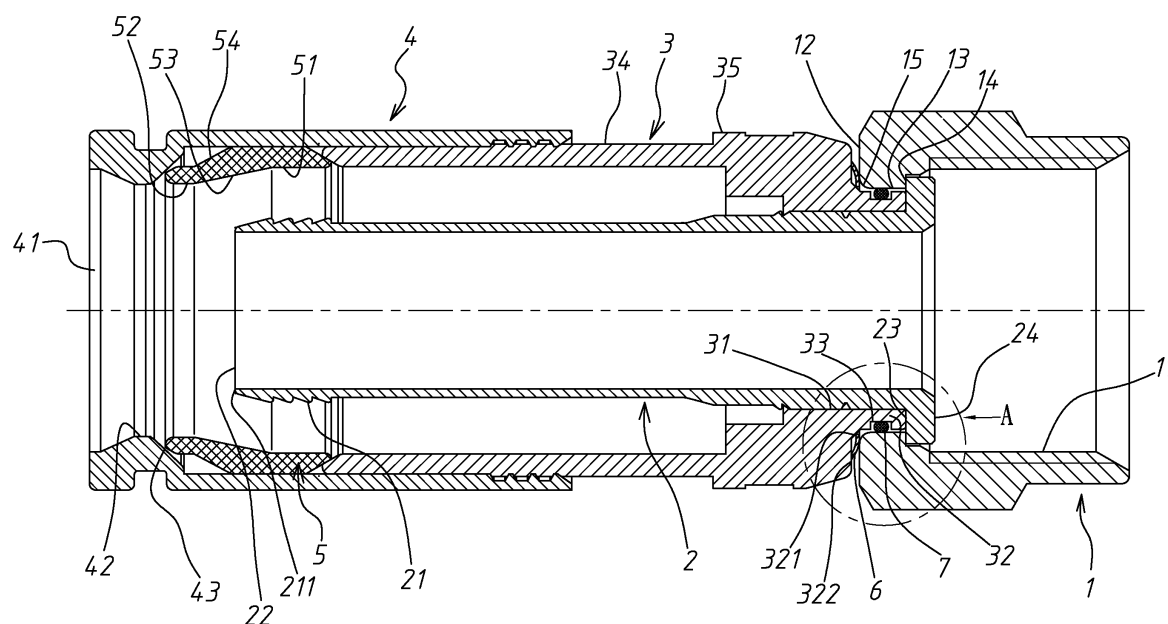
Publication numbers	Title	Current assignees
US8328577 B1	Coaxial cable connector	LU YUEH CHIUNG
US20120122329 A1	Connector having a nut-body continuity element	PPC BROADBAND
US20100022120 A1	Ground loop isolator for a coaxial cable	STEREN ELECTRONICS INTERNATIONAL
DE202007014058 U1	High Frequency Connector	YUNG TAI FENG ELECTRONIC TECHN
JP2005259404 A	Coaxial connector plug	HONDA TSUSHIN KOGYO
US6716062 B1	Coaxial cable f connector with improved rfi sealing	MR ADVISORS, ...
US20090163075 A1	Methods related to reuseable coaxial connectors	COMMSCOPE, ...
US7641493 B1	Waterproof tightening structure for a signal connector	LEE CHUN-TE
US20060110977 A1	Connector having conductive member and method of use thereof	PPC BROADBAND
TWM256628 U	Coaxial connector	HON HAI PRECISION INDUSTRY
US6241553 B1	Connector capable of firmly engaging an electric cord or an cable	HSIA YU CHAO

Family 1/11 - FAMPAT - ©Questel

Title

(US8328577)

Coaxial cable connector

Images**Publication data including kind & date**[US8328577](#)

B1 2012-12-11 US8328577

**Abstract**

(US8328577)

A coaxial cable connector suitable for assembly with one of a series of coaxial cables having one same specification and different wire outer diameters is disclosed to use a plastic bushing for compressing by a barrel to wrap about the coaxial cable and compress an inner tube against the aluminum foil and insulation spacer of the coaxial cable, protecting the coaxial cable against weather and extending the lifespan, an O-ring in a locating groove around a front neck of a body shell or on an annular rear contact face of a screw nut to seal the gap between the screw nut and the body shell, and a curved spring plate for stoppage between an annular front stop face of the body shell and an annular rear contact face of the screw nut for grounding to enhance signal transmission reliability.

Inventors

LU YUEH CHIUNG

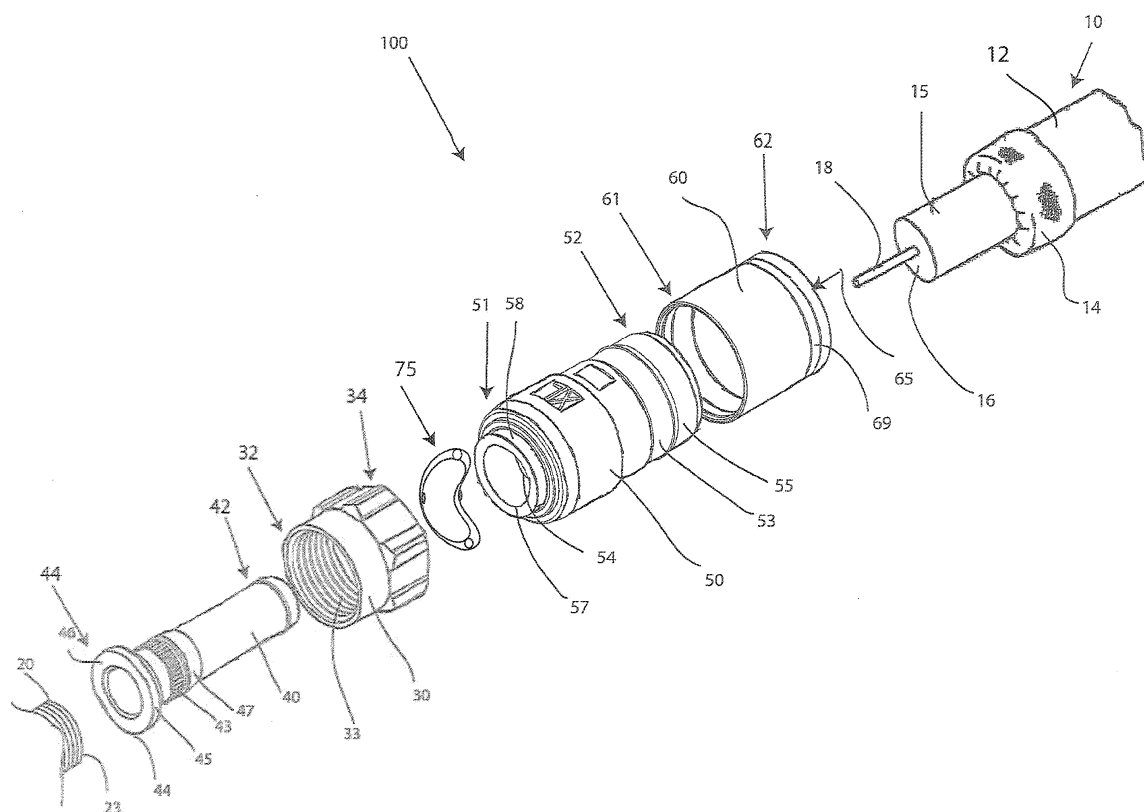
Family 2/11 - FAMPAT - ©Questel

Title

(WO201264511)

Connector having a nut-body continuity element

Images



Publication data including kind & date

US20120122329	A1	2012-05-17	US20120122329				
WO2012064511	A2	2012-05-18	WO201264511				
WO2012064511	A3	2012-07-05	WO201264511				
CN102570073	A	2012-07-11	CN102570073				
TW201240238	A	2012-10-01	TW201240238				
CN202503118	U	2012-10-24	CN202503118U				
US8337229	B2	2012-12-25	US8337229				
US20130102188	A1	2013-04-25	US20130102188				
US20130102189	A1	2013-04-25	US20130102189				
US20130224995	A1	2013-08-29	US20130224995				
US8529279	B2	2013-09-10	US8529279				
US8550835	B2	2013-10-08	US8550835				
US20140087574	A1	2014-03-27	US20140087574				
US20140273578	A1	2014-09-18	US20140273578				
US8858251	B2	2014-10-14	US8858251				
US8920192	B2	2014-12-30	US8920192				
US9147949	B2	2015-09-29	US9147949				
US9178290	B2	2015-11-03	US9178290				
US20160020533	A1	2016-01-21	US20160020533				
US9455507	B2	2016-09-27	US9455507				
US20170012372	A1	2017-01-12	US20170012372				
US9865943	B2	2018-01-09	US9865943				
US20180198217	A1	2018-07-12	US20180198217				

Abstract

(WO201264511)

A connector having a nut-body continuity element is provided, wherein the nut-body continuity element electrically couples

a nut and a connector body, thereby establishing electrical continuity between the nut and the connector body. Furthermore, the nut-body continuity element facilitates grounding through the connector, and renders an electromagnetic shield preventing ingress of unwanted environmental noise.

Inventors

MONTENA NOAH

Latest standardized assignees - inventors removed

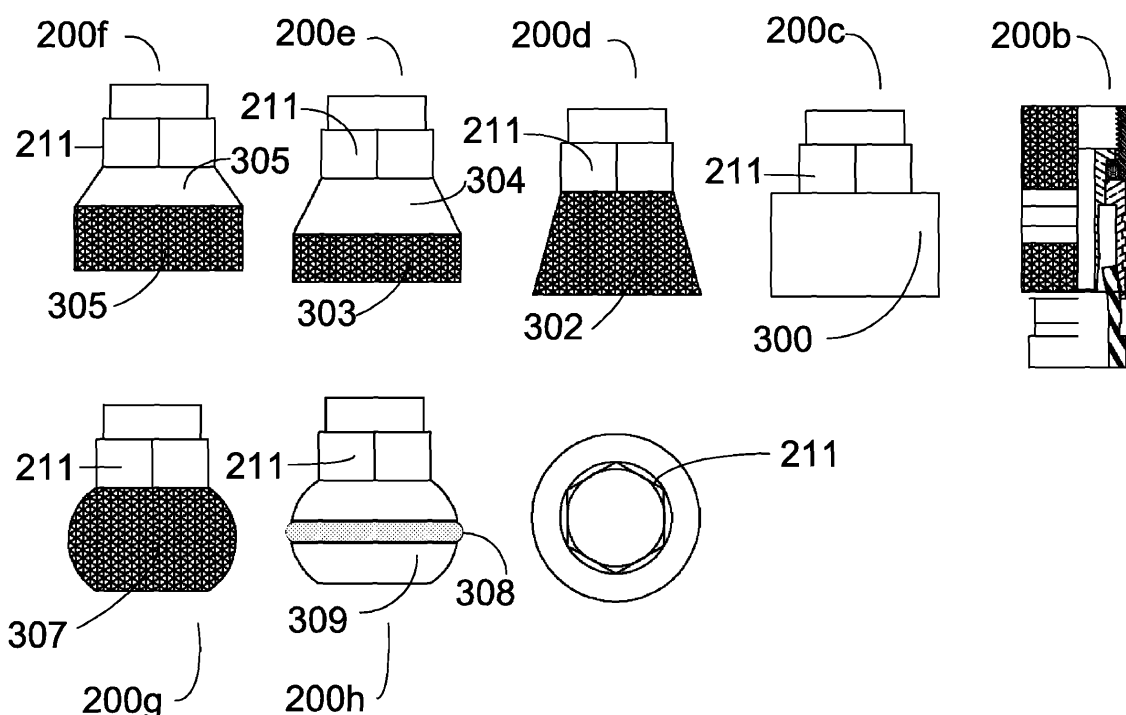
PPC BROADBAND

Family 3/11 - FAMPAT - ©Questel

Title

(US8975520)

Ground loop isolator for a coaxial cable

Images**Publication data including kind & date**

US20100022120	A1	2010-01-28	US20100022120
US7946199	B2	2011-05-24	US7946199
US20110248801	A1	2011-10-13	US20110248801
US8975520	B2	2015-03-10	US8975520

**Abstract**

(US8975520)

A ground loop isolator for a coaxial cable, for example that blocks DC current but which allows a desired band of RF through the ground loop isolator, and which is small enough to fit in the areas where coupling of the desired electronic equipment is to occur. Embodiments may include an outer area allowing for easier manual coupling of the coaxial cable connector nut to electronic devices.

Inventors

BLAKE JOSHUA

HU YIPING

FU HUIHUI

Latest standardized assignees - inventors removed

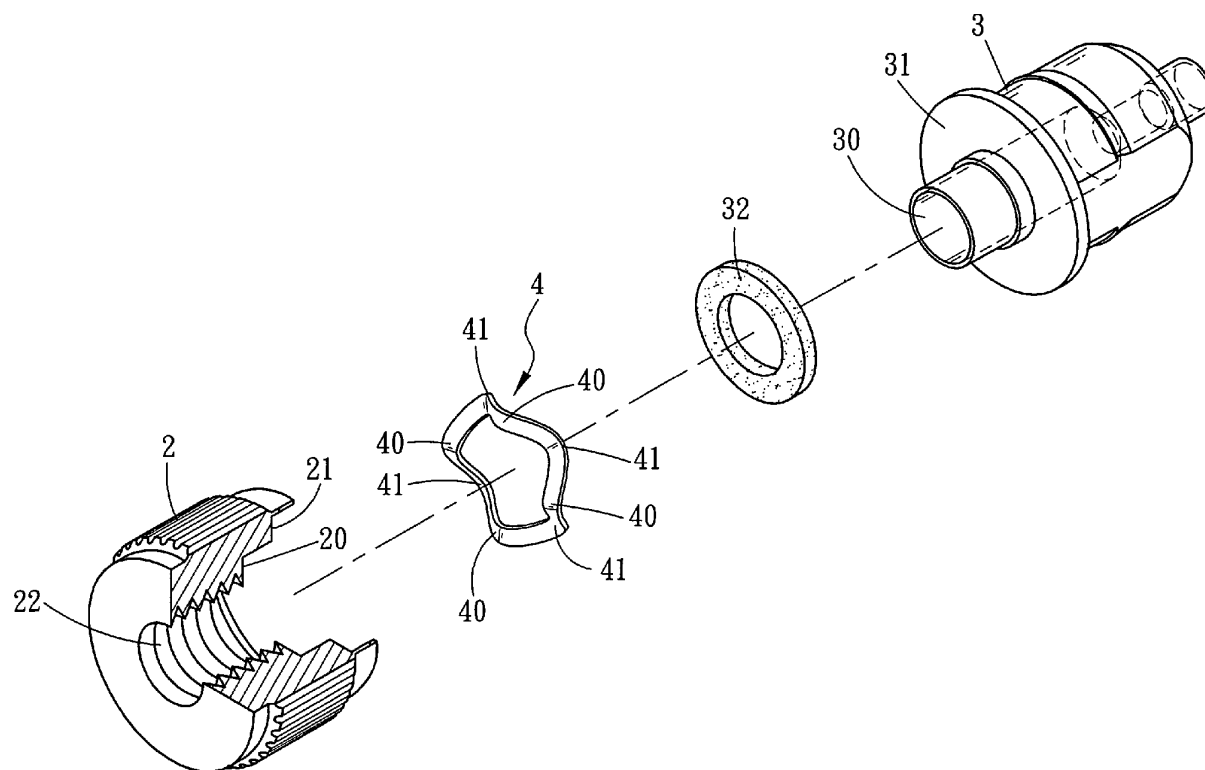
STEREN ELECTRONICS INTERNATIONAL

Family 4/11 - FAMPAT - ©Questel

Title

(DE202007014058)

High Frequency Connector

Images**Publication data including kind & date**[DE202007014058](#)

U1

2008-02-28

DE202007014058

**Abstract**

(DE202007014058)

High frequency connector, consisting of a connector (2), a locking edge (20) on one side and a support edge (21) and a threaded portion (22) disposed on the other side-wise arranged; and a connecting element (3), is inserted in the socket (2); a through hole is (30) formed in the nozzle (2); collect on the connecting element (3) is a ring is also provided a peripheral (31); rubber washer (32) is seated on the link (3); characterized in, that a wavy spring washer (4) is provided, the connector (2) is arranged on the locking edge (20) supports and the connector (3); the wave spring washer (4) has four wavy, arcuate recessed points and four (40) wavy, arcuate raised dots (41), which are formed symmetrically.

Latest standardized assignees - inventors removed

YUNG TAI FENG ELECTRONIC TECHN

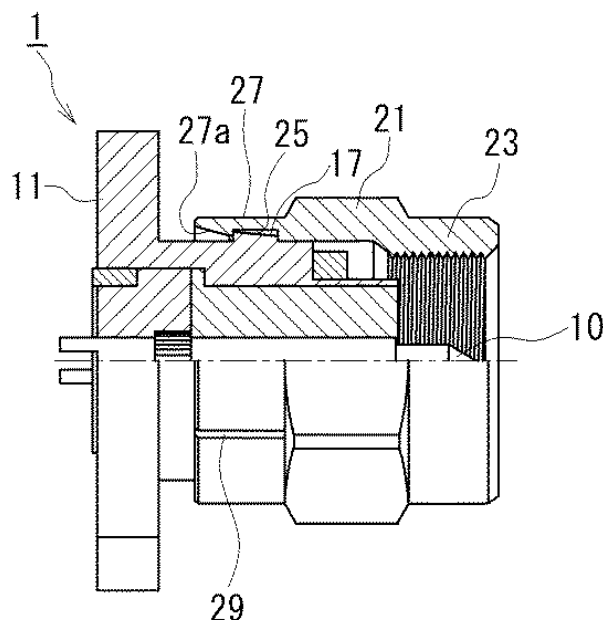
Family 5/11 - FAMPAT - ©Questel

Title

(JP2005259404)

Coaxial connector plug

Images

**Publication data including kind & date**[JP2005259404](#)

A 2005-09-22 JP2005259404

**Abstract**

(JP2005259404)

PROBLEM TO BE SOLVED: To provide a coaxial connector plug, a coupling nut of which is slotted into a shell without using a small component like a spring ring, and slotted into the shell only by pressing the coupling nut into the shell without using a special tool.

SOLUTION: A recessed part 25 is formed in the circumferential direction on the inner surface of a coupling nut 2, a projected part 17 loosely fitted to the recessed part 25 is formed on the outer surface of a shell 1, and the projected part 17 is fitted to the recessed part 25 by pressing the coupling nut 2 into the shell 1. This slots the coupling nut 2 into the shell 1.

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Inventors

TAKAHASHI SHUSUKE

Latest standardized assignees - inventors removed

HONDA TSUSHIN KOGYO

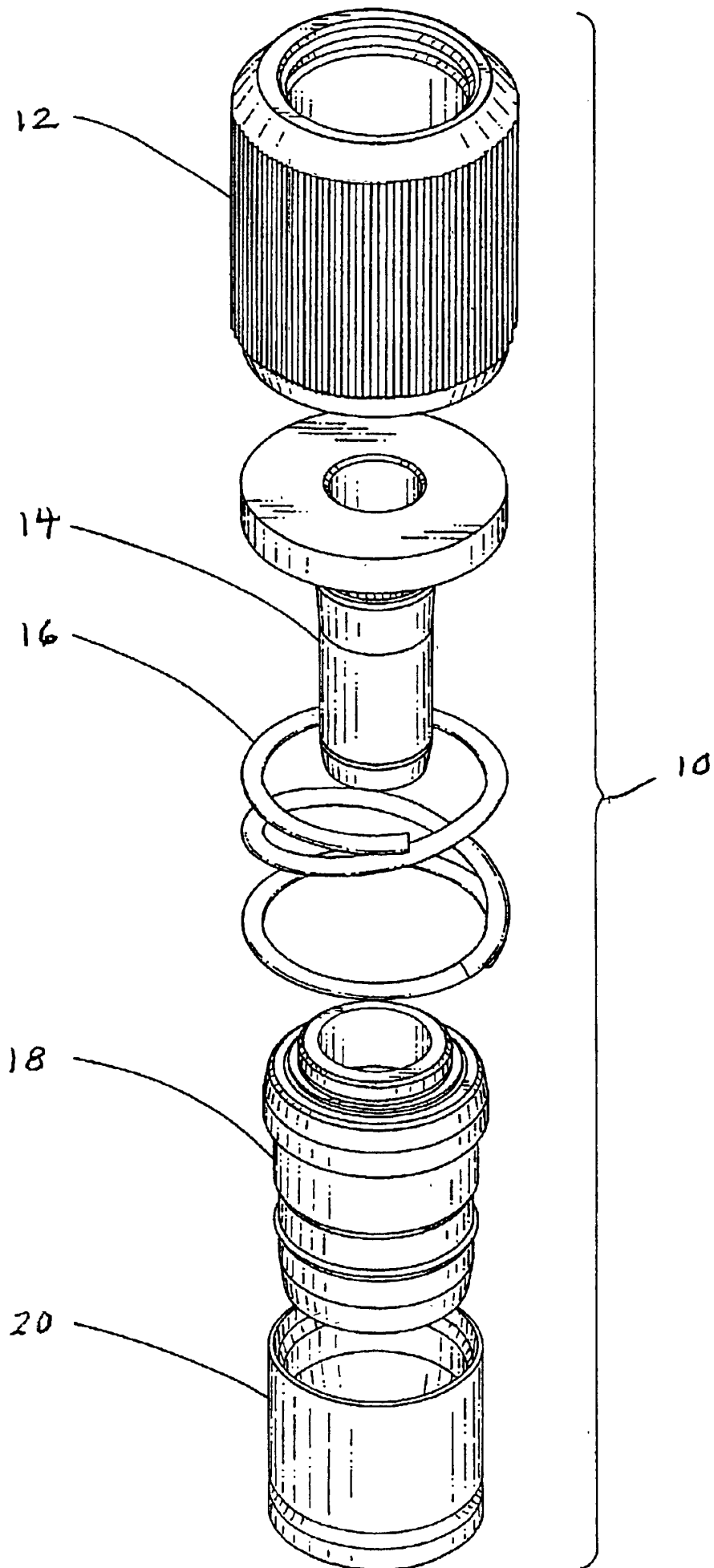
Family 6/11 - FAMPAT - ©Questel

Title

(US20040077215)

Coaxial cable f connector with improved rfi sealing

Images



Publication data including kind & date

US6716062	B1	2004-04-06	US6716062
US20040077215	A1	2004-04-22	US20040077215

**Abstract**

(US20040077215)

An F-type connector for mounting to a prepared terminal end of a coaxial cable for threaded engagement of a nut on the connector to a threaded shaft at a port on video equipment to which the coaxial cable is to be electrically connected. Prior art connectors of this type typically required as many as six or more revolutions of the nut to bring a metal post of the connector into contact with the end of the metal shaft to provide a properly shielded coupling of the connector and video equipment. In the connector of the present invention, the nut is mounted for limited axial movement with respect to the post, body and compression ring. A coil spring biases the nut toward a rest position with respect to the other elements wherein not more than three revolutions of the nut into engagement with the shaft are necessary in order to bring the post of the connector into contact with the shaft on the equipment, providing a satisfactory coupling. Upon further revolution of the nut, the post and shaft remain in contact as the nut moves axially away from the rest position with respect to the other elements. The connector is disclosed in two embodiments, one of which permits mounting upon a cable having a terminal end prepped, i.e., with certain layers severed and stripped to predetermined lengths, to present industry standards.

Inventors

PALINKAS RAYMOND

FOX MICHAEL T

MONTENA NOAH

Latest standardized assignees - inventors removed

MR ADVISORS

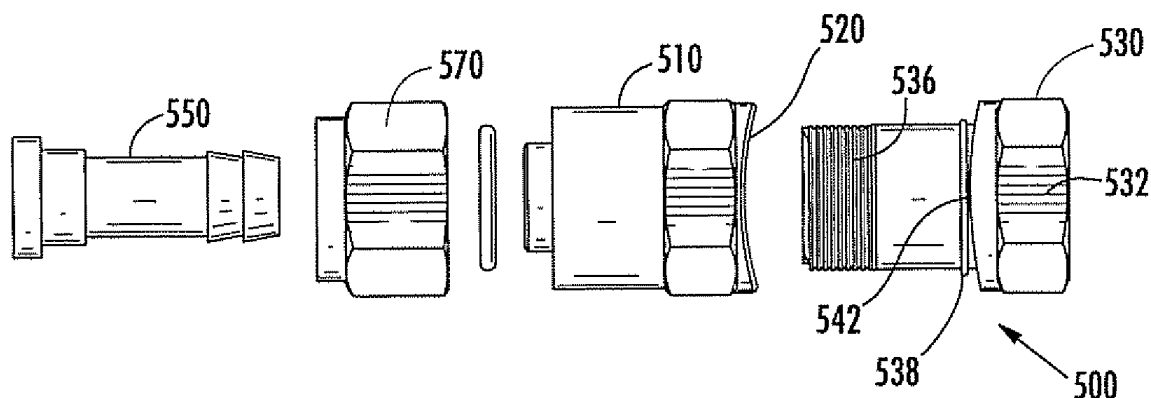
PPC BROADBAND

Family 7/11 - FAMPAT - ©Questel

Title

(EP2220727)

Methods related to reuseable coaxial connectors

Images**Publication data including kind & date**

US20090163075	A1	2009-06-25	US20090163075
WO2009085146	A1	2009-07-09	WO200985146
CA2705060	A1	2009-07-09	CA2705060
AR069959	A1	2010-03-03	AR--69959
US7740502	B2	2010-06-22	US7740502
US20100175253	A1	2010-07-15	US20100175253
MX2010004355	A	2010-08-09	MX2010004355



EP2220727	A1	2010-08-25	EP2220727
EP2220727	B1	2012-05-02	EP2220727
US8171629	B2	2012-05-08	US8171629
AT556469	T	2012-05-15	ATE556469



Abstract

(EP2220727)

Coaxial connectors (100) include a connector body (110) and an inner contact post (150). A compression sleeve (130) is also provided that is configured to impart a generally circumferential compressive force to secure one or more elements of a coaxial cable between the connector body and the inner contact post when the compression sleeve is in a seated position. The compression sleeve or the connector body includes a first disengagement mechanism (116, 136, 138) that is configured to assist moving the compression sleeve from the seated position to an unseated position in which at least some of the circumferential compressive force is eliminated.

Inventors

BLEW DOUGLAS JOHN

PHILLIPS NEIL P

MEYERHOEFER CARL

Latest standardized assignees - inventors removed

COMMSCOPE

COMMSCOPE TECHNOLOGIES

ANDREW

REDWOOD SYSTEMS

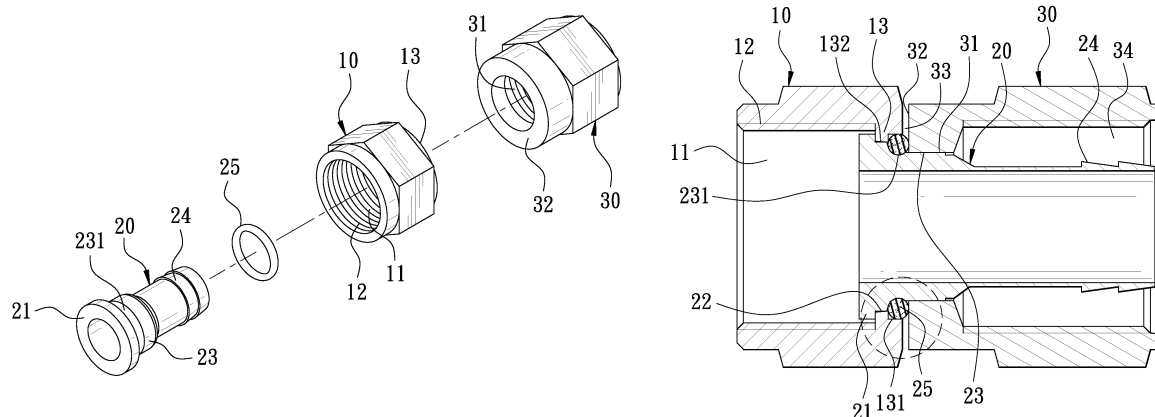
Family 8/11 - FAMPAT - ©Questel

Title

(US7641493)

Waterproof tightening structure for a signal connector

Images



Publication data including kind & date

US7641493	B1	2010-01-05	US7641493
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Abstract

(US7641493)

A waterproof tightening structure for a signal connector includes a bolt sleeve bored with a through insert hole provided inside with an annular stop edge formed with an annular holding groove and a first engage surface. A tightening connector is inserted in the insert hole, and has a flange resisting the stop edge of the bolt sleeve and its second engage surface loosely fixed with the first engage surface. A fixing outer sleeve is secured with the annular projection of the tightening connector. An elastic waterproof washer is received in an annular recess between the annular projection and the second engage surface and resisted by both the annular holding groove of the bolt sleeve and the front end of the fixing outer

sleeve. Thus, the waterproof washer is closely and elastically held by the bolt sleeve, the tightening connector and the fixing outer sleeve, able to block off moisture.

Inventors

LEE CHUN-TE

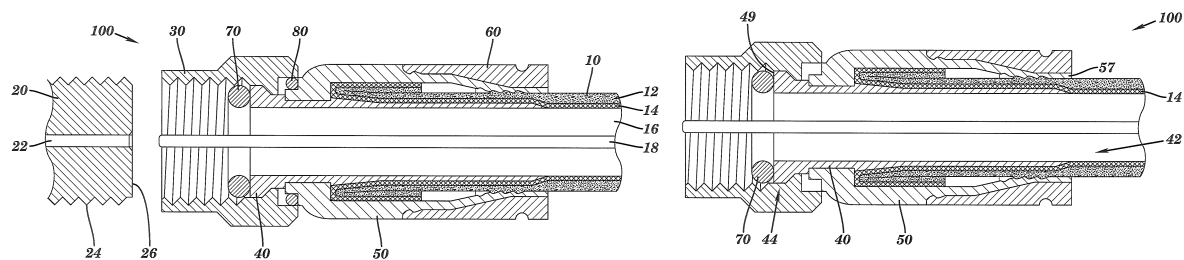
Family 9/11 - FAMPAT - ©Questel

Title

(EP1815559)

Connector having conductive member and method of use thereof

Images



Publication data including kind & date

US20060110977	A1	2006-05-25	US20060110977
WO2006057737	A1	2006-06-01	WO200657737
KR20070073831	A	2007-07-10	KR20070073831
IN2338/DELNP/2007	A	2007-08-03	IN2007DN02338
EP1815559	A1	2007-08-08	EP1815559
CN101095264	A	2007-12-26	CN101095264
BRPI0518268	A1	2008-11-11	BRPI0518268
BRPI0518268	A2	2008-11-11	BR200518268
EP1815559	A4	2009-03-11	EP1815559
US20090176396	A1	2009-07-09	US20090176396
US20090186505	A1	2009-07-23	US20090186505
US20090203256	A1	2009-08-13	US20090203256
US7828595	B2	2010-11-09	US7828595
US7833053	B2	2010-11-16	US7833053
US7845976	B2	2010-12-07	US7845976
US20110053413	A1	2011-03-03	US20110053413
US7950958	B2	2011-05-31	US7950958
KR101041494	B1	2011-06-16	KR101041494
EP1815559	B1	2011-09-21	EP1815559
CN101095264	B	2011-12-14	CN101095264B
ES2371431	T3	2012-01-02	ES2371431
DK1815559	T3	2012-01-16	DK1815559T



Abstract

(EP1815559)

A connector having a conductive member is provided, wherein the connector comprises a connector body capable of sealing and securing a coaxial cable, and further wherein the conductive member, such as an O-ring, physically seals the connector, electrically couples the connector and the coaxial cable, facilitates grounding through the connector, and renders an electromagnetic shield preventing ingress of unwanted environmental noise.

Inventors

MATTHEWS ROGER

Latest standardized assignees - inventors removed

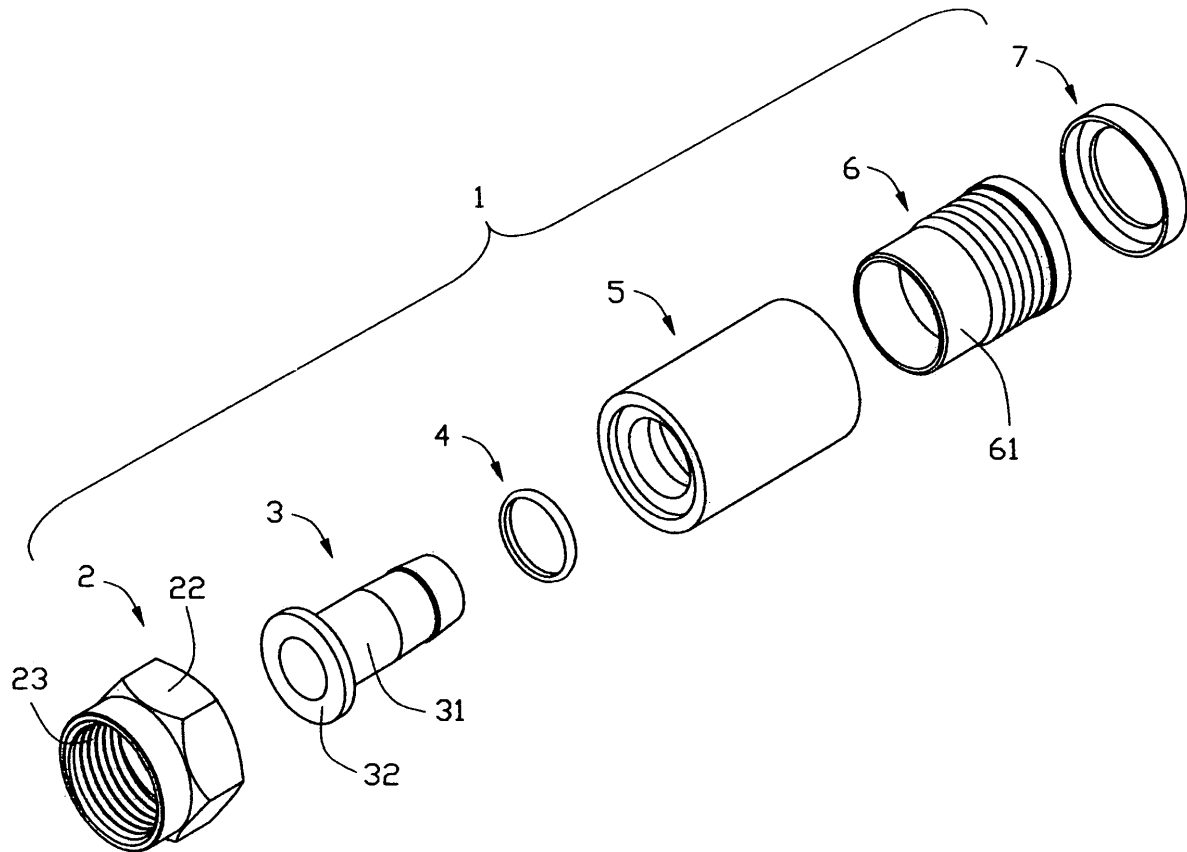
PPC BROADBAND

Family 10/11 - FAMPAT - ©Questel

Title

(US7153161)

Coaxial connector

Images**Publication data including kind & date**

TWM256628	U	2005-02-01	TWM256628
US20050159045	A1	2005-07-21	US20050159045
US7153161	B2	2006-12-26	US7153161

**Abstract**

(US7153161)

A coaxial connector (1) to be connected to a coaxial cable (8) includes a nut (2), a sleeve (3), a seal (4), a clamp (5) and a ferrule (6).The coaxial cable includes a cable center conductor (80), a cable dielectric layer (81), a cable outer conductor (82) and a cable jacket (83).The sleeve includes a tubular portion (31) inserted between the cable dielectric layer and the cable outer conductor, and an outer flange (32) fixed by the nut.The clamp has a clamp portion (50) enclosing the sleeve and a serrate inner wall (53).The ferrule includes an inner surface slidingly engaged the cable jacket and an outer surface has a plurality of saw-teeth (65) for matching with the serrate inner wall of the clamp.

Inventors

HUANG CHIN FA

Latest standardized assignees - inventors removed

HON HAI PRECISION INDUSTRY

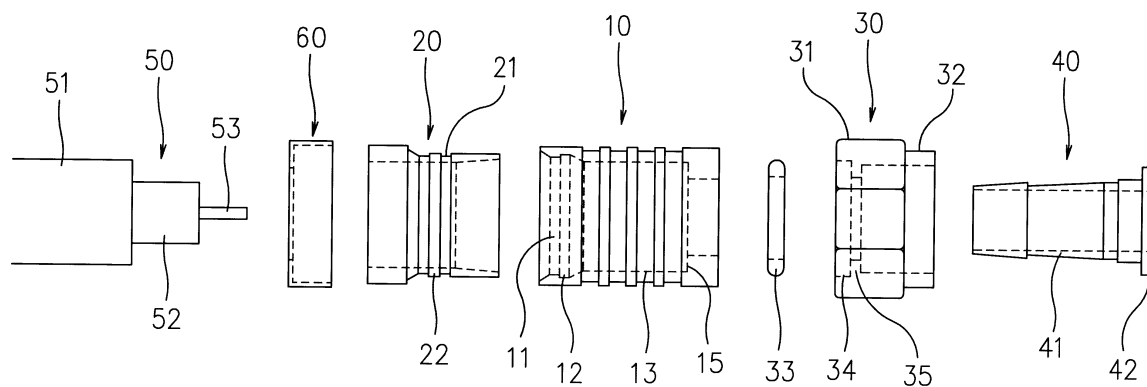
Family 11/11 - FAMPAT - ©Questel

Title

(US7074081)

Connector capable of firmly engaging an electric cord or an cable

Images



Publication data including kind & date

US6241553	B1	2001-06-05	US6241553
US20050079762	A1	2005-04-14	US20050079762
US7074081	B2	2006-07-11	US7074081



Abstract

(US7074081)

A connector for electrical cords and cables includes a tubular body, a plastic engaging sleeve, a connecting sleeve and a connecting plug. The plastic engaging sleeve has a sleeve head; a circular groove behind to the sleeve head; a circular projection behind to the circular groove; a circular neck portion behind the circular projection; and a round tapered portion behind the circular neck portion. The circular projection is configured to fit snugly into the circular groove of the tubular body. The round tapered portion serves to provide a compressing space in the manufacturing process. In the manufacturing process, the round tapered portion will be compressed, so that it will be flattened to have like a round cylinder.

Inventors

HSIA YU-CHAO