

1) Family number: 65394499 (US2017104255A)

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Title: MINI ISOLATOR

Abstract: A coaxial radio frequency (RF) isolator is disclosed. The isolator includes a first connector that conducts an RF signal received from a first device connected to the isolator. The isolator also includes a conductive body including a second connector and a conductive outer shield that form a first internal cavity. The isolator further includes a dielectric sleeve between the outer shield and the conductive body. In addition, the isolator includes a conductive coupling/filtering member inside the outer shield and the dielectric sleeve. The conductive coupling/filtering member has a cylindrical shape forming a second internal cavity. Moreover, the isolator includes a thru-RF signal transmission path through the first internal cavity and the second internal cavity. The thru-RF signal transmission path receives the RF signal from the first device, conditions the RF signal, and outputs the RF signal to a second device. Further, the isolator includes a coaxial coupling element in the first internal cavity and has a cylindrical shape. The coaxial coupling element connects the conductive body, the conductive filtering/coupling member, and the conductive outer shield. Additionally, the isolator includes a magnetic toroid in the first cavity that surrounds the conductive coupling/filtering member.

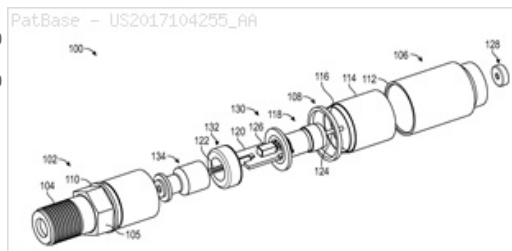
Classifications:

International (IPC 8-9): H01B7/00 H01P1/36 H01R13/648 H01R43/00 H01R9/05 (Advanced/Invention)

International (IPC 1-7): H01B7/00 H01P1/36 H01R13/648 H01R43/00 H01R9/05

CPC: H01P1/2007 H01P1/202 H01P1/30 H03H1/0007 H01R24/42 H01P1/36 H01P3/06 H01R9/05 H01R24/525 H01R9/00

US: 333/1.1



Family:

Publication number	Publication date	Application number	Application date
BR112018006943 A2	20181016	BR20181106943	20161011
BR112018069149 A2	20190122	BR20181169149	20170324
CA3016888 AA	20180906	CA20173016888	20170324
CL2018000864 A1	20180817	CL20180000864	20180404
CL2018002659 A1	20181207	CL20180002659	20180920
CO20180003727 A2	20180419	CO20180003727	20180406
CO20180010062 A2	20181010	CO20180010062	20180925
MX2018004133 A1	20180613	MX20180004133	20161011
US2017104255 AA	20170413	US20160290216	20161011
US2017194685 AA	20170706	US20170468893	20170324
WO17062975 A1	20170413	WO2016US56365	20161011
WO17165786 A1	20170928	WO2017US24049	20170324

Priority:

US20150239685P 20151009 US20160312891P 20160324 US20160290216 20161011
WO2016US56365 20161011 US20170468893 20170324 WO2017US24049 20170324

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Assignee(s): ALKAN ERDOGAN

Inventor(s): (std): ALKAN ERDOGAN ; ERDOGAN ALKAN

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Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KH KM KN KP KR KW KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

2) Family number: 51107603 (US2012122329A)

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Title: CONNECTOR HAVING A NUT-BODY CONTINUITY ELEMENT AND METHOD OF USE THEREOF

Abstract: 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.

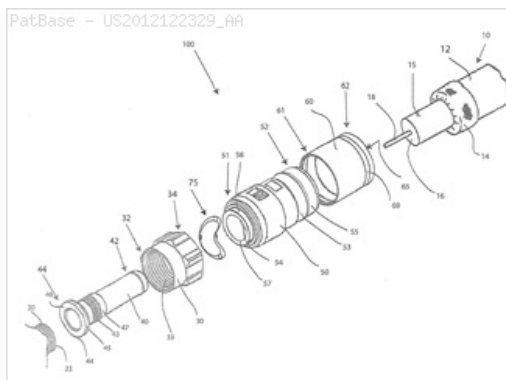
Classifications:

International (IPC 8-9): H01R13/02 H01R13/502 H01R13/52 H01R13/62 H01R13/622 H01R13/646 H01R13/648 H01R13/655 H01R13/6581 H01R24/38 H01R24/56 H01R4/38 H01R43/00 H01R43/20 H01R43/26 H01R9/05 (Advanced/Invention);

H01R103/00 H01R13/52 H01R13/622 (Advanced/Non-invention)

CPC: H01R43/20 H01R13/5202 H01R13/622 H01R13/6581 H01R9/0512 H01R13/5221 H01R13/646 H01R13/655 H01R24/38 H01R43/00 H01R43/26 H01R9/0524 Y10T29/49208 H01R9/0521 H01R9/0503 H01R2103/00 H01R9/05

European: H01R43/20 H01R9/05 T01R13/52B
US: 1/1 29/876 29/876S 439/215 439/271 439/271P 439/277
439/320 439/322 439/578 439/578S 439/583 439/607.18 439/678
439/99



Family:

Publication number	Publication date	Application number	Application date
CN102570073 A	20120711	CN201110356719	20111111
CN202503118 U	20121024	CN201120445161U	20111111
TW201240238 A	20121001	TW20110140392	20111104
US2012122329 AA	20120517	US20110016114	20110128
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US2017012372 AA	20170112	US20160276017	20160926
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US8337229 BB	20121225	US20110016114	20110128
US8529279 BB	20130910	US20120712498	20121212
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US8858251 BB	20141014	US20130091875	20131127
US8915754 BB	20141223	US20130092003	20131127
US8920182 BB	20141230	US20130092103	20131127
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US9865943 BB	20180109	US20160276017	20160926
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Priority:

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Assignee(s): (std): MEZZALINGUA JOHN ASS ; MONTENA NOAH ; PPC BROADBAND INC

Assignee(s): WELLS FARGO BANK NATIONAL ASSOCIATION ADMINISTRATIVE AGENT AS ; JOHN MEZZALINGUA ASSOCIATES INC ; JPMORGAN CHASE BANK NA ADMINISTRATIVE AGENT AS ; MR ADVISERS LTD ; MR ADVISORS LTD

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Inventor(s): N MANTEGNA ; NOAH MONTENA ; NMANTEGNA

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Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

3) Family number: 33024912 (US2006110977A)

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Title: CONNECTOR HAVING CONDUCTIVE MEMBER AND METHOD OF USE THEREOF

Abstract: 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.

Classifications:

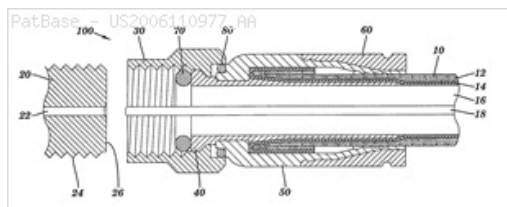
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H01R103/00 H01R13/52 H01R13/622 H01R13/658 H01R13/6584

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H01R43/007 H01R13/6584

European: C09D5/24 C09D7/12D2 H01B11/18B H01R13/658B

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US: 1/1 174/102.00RS 174/102C 174/102R 174/103 174/105R 174/106.00RP 174/106R 174/107 174/107S 174/110R
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CN101095264 A	20071226	CN200580033228	20051020
CN101095264 B	20111214	CN200580033228	20051020
DE602005030168 D1	20111208	DE200560030168T	20051020
DK1815559 T3	20120116	DK20050813878T	20051020
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TW201037734 A	20101016	TW20100110419	20100402
US2006110977 AA	20060525	US20040997218	20041124
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US2009186505 AA	20090723	US20090414159	20090330
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Priority:

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Probable Assignee: PPC BROADBAND INC

Assignee(s): (std): JOHN MESSALINGUA ASSOCIATES INC ; JOHN MEZZALINGUA ASSOCIATES IN ; MATTHEWS ROGER ; MEZZALINGUA JOHN ASS ; MATHEWS ROGER ; JOHN MEZZALINGUA ASSOCIATES INC ; PPC BROADBAND INC ; MONTENA NOAH ; KRENCESKI MARY ; KRENCESKI MARY A

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4) Family number: 51635916 (US2012196476A) © PatBase

Title: CONNECTOR HAVING A DIELECTRIC SEAL AND METHOD OF USE THEREOF

Abstract: A coaxial cable connector having a connector body attached to a post, the post having a first end, a second end, and a flange proximate the first end, wherein the post is configured to receive a center conductor surrounded by a dielectric of a coaxial cable, a port coupling element attached to the post, and a seal member disposed proximate the dielectric to create a seal around the dielectric to prevent entry of environmental elements is provided. Additionally, a connector having a post with an internally tapered surface proximate a first end, the internally tapered surface tapering radially inward toward the first end to compress the dielectric to form a seal around the dielectric is provided. Furthermore, an associated method is also provided.

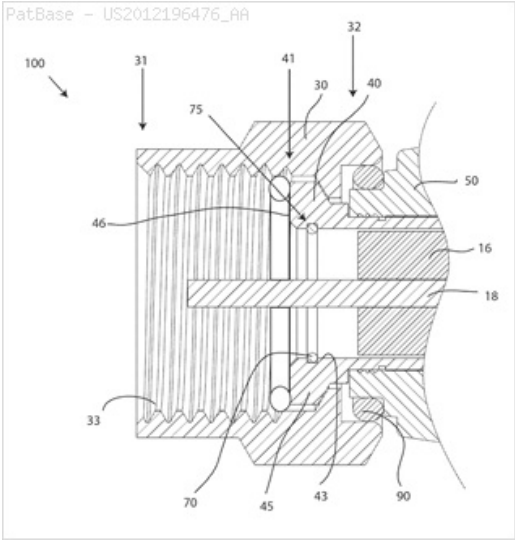
Classifications:

International (IPC 8-9): H01R13/40 H01R13/52 H01R43/20 H01R9/05 (Advanced/Invention)

CPC: Y10T29/49208 H01R9/05 H01R13/5219

European: H01R13/52P H01R9/05

US: 29/876 29/876S 439/277 439/578 439/578P



Family:

Publication number	Publication date	Application number	Application date
CA2825959 AA	20130729	CA20122825959	20120201
EP2671289 A2	20131211	EP20120742608	20120201
MX2013008745 A1	20140312	MX20130008745	20120201
US2012196476 AA	20120802	US20110018727	20110201
US8398421 BB	20130319	US20110018727	20110201
WO12106402 A2	20120809	WO2012US23443	20120201
WO12106402 A3	20140417	WO2012US23443	20120201

Priority: US20110018727 20110201 WO2012US23443 20120201

Probable Assignee: PPC BROADBAND INC

Assignee(s): (std): HABEREK ANDREW ; MEZZALINGUA JOHN ASS ; NATOLI CHRISTOPHER P ; PURDY ERIC

Assignee(s): PPC BROADBAND INC ; MR ADVISERS LTD ; JOHN MEZZALINGUA ASSOCIATES INC

Inventor(s): (std): NATOLI CHRISTOPHER P ; PURDY ERIC ; HABEREK ANDREW

Agent(s): FINLAYSON AND SINGLEHURST; BITTNER THOMAS L; SCHMEISER OLSEN AND WATTS LLP; YODER STEPHEN R ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW