



(51) International Patent Classification:
H01B 11/18 (2006.01) *H01B 13/016* (2006.01)

(21) International Application Number:
PCT/US2010/059002

(22) International Filing Date:
4 December 2010 (04.12.2010)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
12/631,656 4 December 2009 (04.12.2009) US

(71) Applicant (for all designated States except US): **JOHN MEZZALINGUA ASSOCIATES, INC.** [US/US]; Legal Department, 6176 East Molloy Rd, East Syracuse, New York 13057 (US).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **MONTENA, Noah** [US/US]; 124 Buckingham Avenue, Syracuse, New York 13210 (US).

(74) Agents: **YODER, Stephen R.** et al.; John Mezzlingua Associates, Inc., 6176 East Molloy Rd., East Syracuse, New York 13057 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM,

AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report (Art. 21(3))
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))

(88) Date of publication of the international search report:
9 September 2011

(54) Title: COAXIAL CABLE SHIELDING

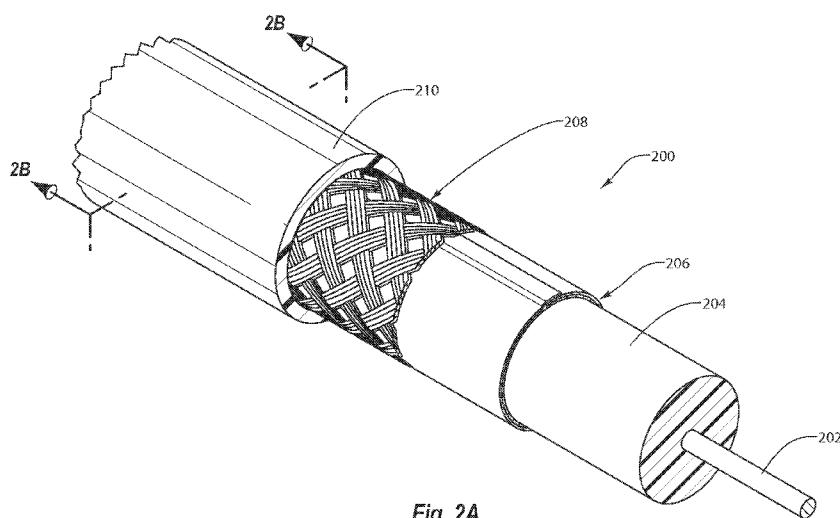


Fig. 2A

(57) Abstract: Coaxial cable shielding. In one example embodiment, a coaxial cable includes a center conductor surrounded by a dielectric, a conductive tape surrounding the dielectric, and a jacket surrounding the conductive tape. The conductive tape includes a conductive layer and a bonding agent layer immediately adjacent to the conductive layer. The conductive tape defines first and second edge sections that each borders an interior section. The conductive tape is wrapped around the dielectric such that the first edge section overlaps with the second edge section. The bonding agent layer extends over only at most a portion of the first edge section such that at least a portion of the conductive layer in the first edge section is immediately adjacent to at least a portion of the conductive layer in the second edge section.



A. CLASSIFICATION OF SUBJECT MATTER***H01B 11/18(2006.01)i, H01B 13/016(2006.01)i***

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

H01B 11/18; H01B 11/06; H01B 7/17; H01B 7/34; G02B 6/44

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean utility models and applications for utility models

Japanese utility models and applications for utility models

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKOMPASS(KIPO internal) & Keywords: cable, tape, shield

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 2005-174598 A (FUJIKURA LTD.) 30 June 2005 See abstract; paragraphs [0021]-[0023],[0027]-[0039]; claims 1-4 and figures 1-4	1-22
A	US 05039197A A (RAWLYK; MICHAEL G.) 13 August 1991 See abstract; column 4, line 36-66; claims 1-3 and figures 3-4	1-22
A	US 6384337 B1 (DRUM; MICHAEL K.) 07 May 2002 See abstract; column 3, line 63-65, column 4, line 17-44, column 5, line 9-11, 36-39; claims 1,11-14 and figures 1,4	1-22
A	JP 2004-220798 A (YAZAKI CORP.) 05 August 2004 See abstract; paragraphs [0012]-[0017]; claim 1 and figure 1 1	1-22



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

14 JULY 2011 (14.07.2011)

Date of mailing of the international search report

18 JULY 2011 (18.07.2011)

Name and mailing address of the ISA/KR

Korean Intellectual Property Office
Government Complex-Daejeon, 189 Cheongsa-ro,
Seo-gu, Daejeon 302-701, Republic of Korea

Facsimile No. 82-42-472-7140

Authorized officer

LEE, Kang Young

Telephone No. 82-42-481-5583



INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/US2010/059002Patent document
cited in search reportPublication
datePatent family
member(s)Publication
date

JP 2005-174598 A

30.06.2005

None

US 05039197A A

13.08.1991

US 05188883A A

23.02.1993

US 6384337 B1

07.05.2002

None

JP 2004-220798 A

05.08.2004

None