

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
25 June 2009 (25.06.2009)

PCT

(10) International Publication Number
WO 2009/079168 A1

(51) International Patent Classification:
H04B 10/08 (2006.01)

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(21) International Application Number:
PCT/US2008/084516

(22) International Filing Date:
24 November 2008 (24.11.2008)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
11/957,720 17 December 2007 (17.12.2007) 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, 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, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

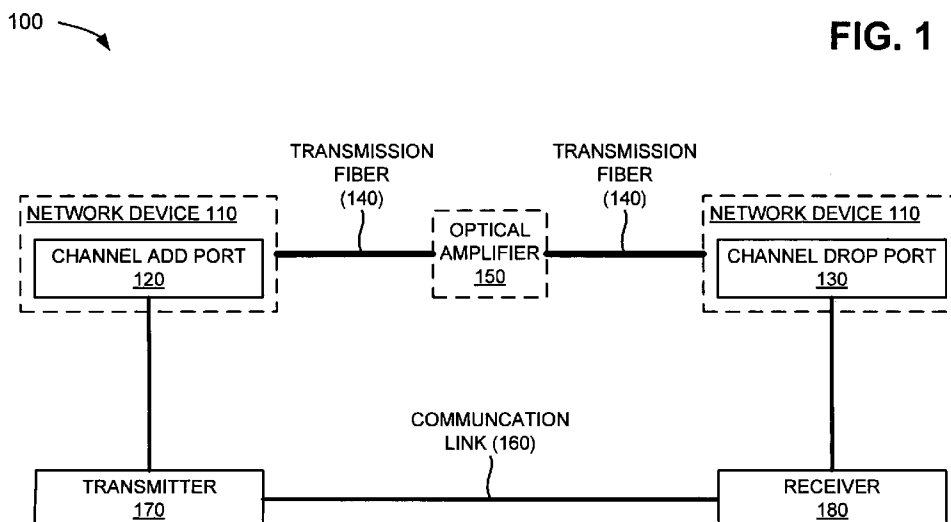
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(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ,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

[Continued on next page]

(54) Title: IN-CHANNEL RESIDUAL CHROMATIC DISPERSION MEASUREMENT



(57) Abstract: A system generates optical pulses, that include two frequencies within one optical channel, at a first end of an optical link, and receives the optical pulses at a second end of the optical link. The system also sets a frequency difference for the two frequencies of the optical pulses, calculates a relative group delay difference for the two frequencies of the optical pulses, and calculates a residual chromatic dispersion of the channel based on the frequency difference and the calculated relative group delay difference.

WO 2009/079168 A1



Published:

— *with international search report*