

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
22 May 2009 (22.05.2009)

PCT

(10) International Publication Number
WO 2009/062500 A1

(51) International Patent Classification:
H04L 27/14 (2006.01)

(21) International Application Number:
PCT/DK2007/000493

(22) International Filing Date:
12 November 2007 (12.11.2007)

(25) Filing Language: English

(26) Publication Language: English

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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, 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, SV, SY, 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, 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, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

(54) Title: FSK RECEIVER FOR A HEARING AID AND A METHOD FOR PROCESSING AN FSK SIGNAL

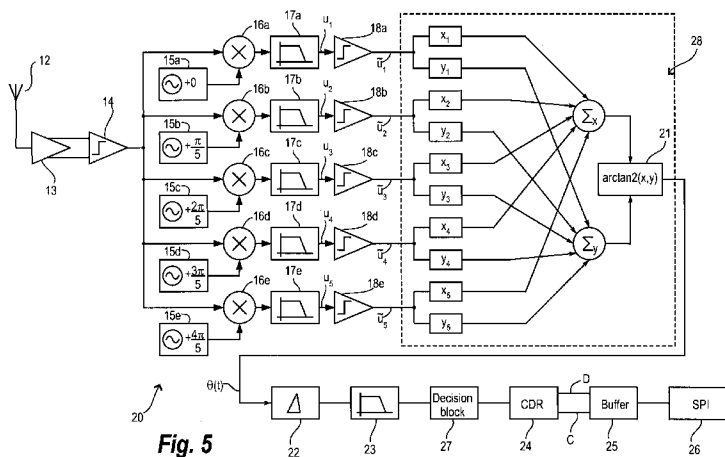


Fig. 5

(57) Abstract: A hearing aid (40) comprising a frequency shift keying (FSK) receiver (30) comprising a first amplifier stage (13), a limiter stage (14) and a plurality of phase detection stages, wherein each phase detection stage comprises a local oscillator (15a, 15b, 15c, 15d, 15e), a mixer stage (16a, 16b, 16c, 16d, 16e), a filter stage (17a, 17b, 17c, 17d, 17e), and a comparator stage (18a, 18b, 18c, 18d, 18e), respectively. The number of phase detection stages is greater than two. The output of each comparator stage (18a, 18b, 18c, 18d, 18e) is commonly connected to the input of a look-up table (28). The invention also provides an FSK receiver for use in a hearing aid and a method for processing an FSK signal.