

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
12 October 2006 (12.10.2006)

PCT

(10) International Publication Number
WO 2006/107932 A3

(51) International Patent Classification:
H04B 1/10 (2006.01) **H04L 1/00** (2006.01)

(21) International Application Number:
PCT/US2006/012444

(22) International Filing Date: 4 April 2006 (04.04.2006)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
11/099,229 5 April 2005 (05.04.2005) US

(71) Applicant (for all designated States except US): **L-3 INTEGRATED SYSTEMS COMPANY** [US/US]; 10001 Jack Finney Blvd., Greenville, Texas 75402 (US).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **STANNERS, Steven, P.** [US/US]; 9702 Shoal Creek Drive, Rowlett, Texas 75089 (US).

(74) Agent: **ENDERS, William, W.**; O'Keefe, Egan & Peterman, LLP, 1101 Capital Of Texas Highway South, Suite C-200, Austin, Texas 78746 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, 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, 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).

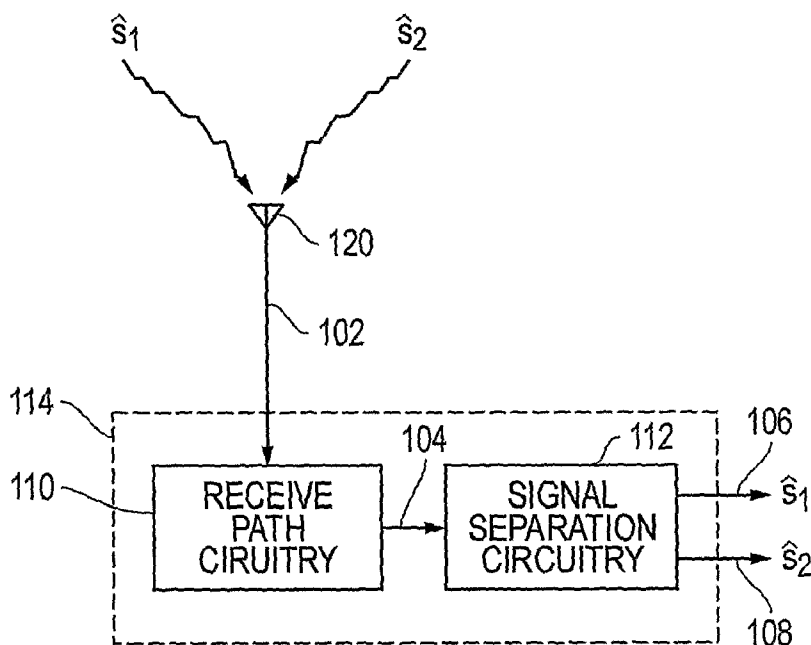
Published:

— with international search report

(88) Date of publication of the international search report:
22 March 2007

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: SEPARATION OF COCHANNEL FM SIGNALS



(57) Abstract: Multiple cochannel FM signals received, for example, in an overloaded signal environment may be separated using parallel interference cancellation techniques.

WO 2006/107932 A3