

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
19 January 2006 (19.01.2006)

PCT

(10) International Publication Number
WO 2006/007204 A3

(51) International Patent Classification:
H04J 11/00 (2006.01)

(21) International Application Number:
PCT/US2005/018564

(22) International Filing Date: 26 May 2005 (26.05.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/583,410 28 June 2004 (28.06.2004) US
60/585,654 6 July 2004 (06.07.2004) US
11/009,333 10 December 2004 (10.12.2004) US

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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, 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, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, 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, 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).

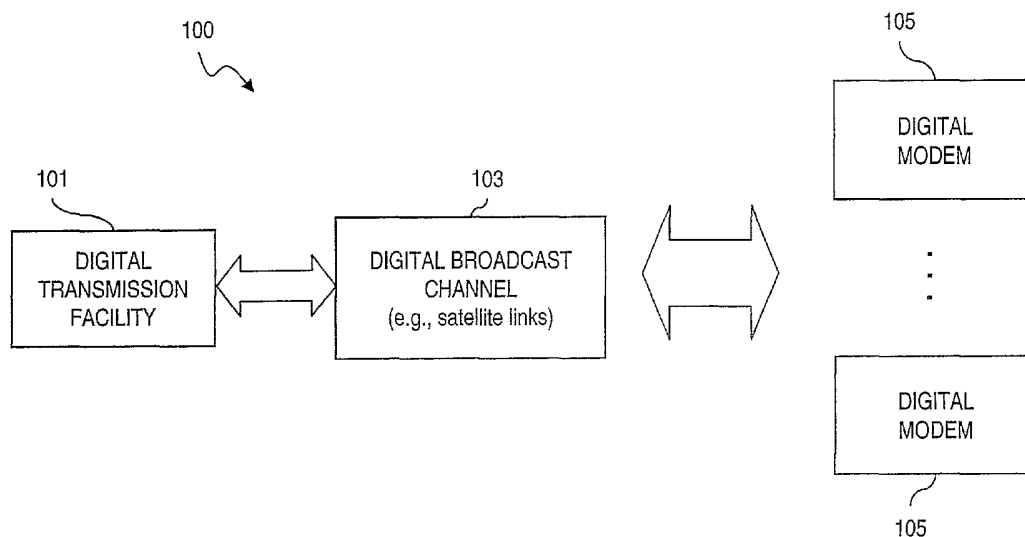
Published:

— with international search report

(88) Date of publication of the international search report:
6 July 2006

[Continued on next page]

(54) Title: METHOD AND APPARATUS FOR MINIMIZING CO-CHANNEL INTERFERENCE BY SCRAMBLING



(57) Abstract: An approach is provided for minimizing co-channel interference in a communication system is disclosed. Non-header portions of frames, which are transmitted over the communication system, are scrambled according to respective different scrambling sequences. The above arrangement is particularly suited to a digital satellite broadcast and interactive system.



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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US05/18564

A. CLASSIFICATION OF SUBJECT MATTER

IPC: **H04J 11/00** (2006.01)

USPC: 370/208

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)
U.S. : 370/208

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

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

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2002/0172264 A1 (WIBERG et al) 21 November 2002 (21.11.2002), page 3, paragraph 28 - page 5, paragraph 46; Figures 4-8B.	1, 12, 22, 24, 26, 28
A	US 5,327,455 (DE GAUDENZI et al) 05 July 1994 (05.07.1994), column 2, lines 29-55; column 4, lines 11-43.	1, 2, 5, 12, 13, 16, 22, 24, 26, 28



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"&"

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Date of the actual completion of the international search

29 March 2006 (29.03.2006)

Date of mailing of the international search report

20 APR 2006

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