

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
6 March 2003 (06.03.2003)

PCT

(10) International Publication Number
WO 03/019931 A3

- (51) International Patent Classification⁷: **H04N 5/00**, 7/24, 7/167
- (21) International Application Number: PCT/IB02/03782
- (22) International Filing Date: 21 August 2002 (21.08.2002)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
01402202.4 21 August 2001 (21.08.2001) EP
02253866.4 31 May 2002 (31.05.2002) EP
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- (81) Designated States (*national*): AE, AG, AL, AM, AT (utility model), AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ (utility model), CZ, DE (utility model), DE, DK (utility model), DK, DM, DZ, EC, EE (utility model), EE, ES, FI (utility model), FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK (utility model), SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:**
— with international search report
— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments
- (88) Date of publication of the international search report: 30 May 2003
- 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: METHOD AND APPARATUS FOR A RECEIVER/DECODER

(57) Abstract: A method and apparatus relating to a receiver/decoder (2000) in a digital television environment, including logical devices (6000, 6002) (including logical demultiplexer devices) for representing physical (6012) and other devices in the receiver/decoder. The method includes the instantiation (6016, 6018) of devices by the receiver/decoder as required to support functionality thereof. The method further includes the use of multiple demultiplexers/remultiplexers, for example in the recording of more than one service simultaneously; and a control word device for the management of control word operations; the use of two or more tuners. Various elements of a digital television system (such as a receiver/decoder and a set top box) are also disclosed.



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INTERNATIONAL SEARCH REPORT

International Application No

PCT/TB 02/03782

| A. CLASSIFICATION OF SUBJECT MATTER | | |
|---|---|-----------------------|
| IPC 7 | H04N5/00 | H04N7/24 H04N7/167 |
| 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) | | |
| IPC 7 H04N | | |
| 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 practical, search terms used) | | |
| EPO-Internal, WPI Data, INSPEC, PAJ | | |
| C. DOCUMENTS CONSIDERED TO BE RELEVANT | | |
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| A | page 76, right-hand column, paragraph 7.3 -page 77, right-hand column --- | 1,13,17 |
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| <input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex. | | |
| * Special categories of cited documents : | | |
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| "O" document referring to an oral disclosure, use, exhibition or other means | "&" document member of the same patent family | |
| "P" document published prior to the international filing date but later than the priority date claimed | | |
| Date of the actual completion of the international search | Date of mailing of the international search report | |
| 26 November 2002 | 07.04.03 | |
| Name and mailing address of the ISA | Authorized officer | |
| European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016 | Guettlich, J | |

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Intern. Application No

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Information on patent family members

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