

**(19) World Intellectual Property Organization**  
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**(43) International Publication Date  
17 April 2008 (17.04.2008)**

PCT

(10) International Publication Number  
**WO 2008/044142 A3**

(51) **International Patent Classification:**  
*H04N 7/173* (2006.01)      *H04N 5/50* (2006.01)

(21) **International Application Number:**  
**PCT/IB2007/003200**

(22) **International Filing Date:** 8 October 2007 (08.10.2007)

(25) **Filing Language:** English

(26) **Publication Language:** English

(30) **Priority Data:**  
11/549,460      13 October 2006 (13.10.2006)      US

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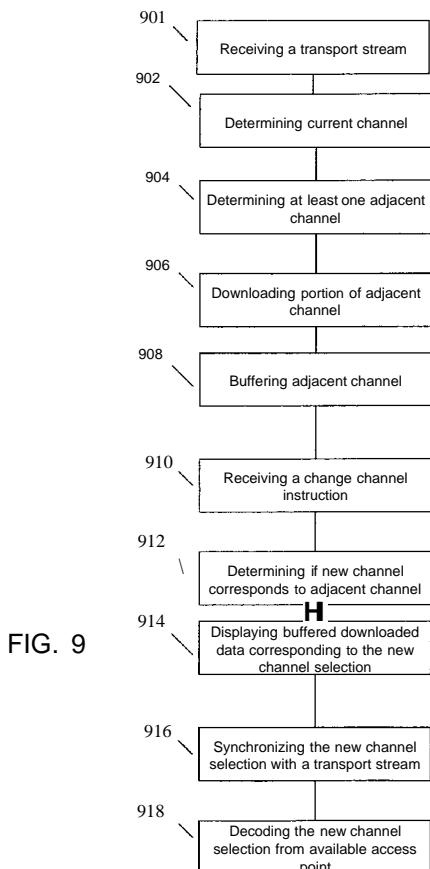
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(81) **Designated States** (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, 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),

[Continued on next page]

**(54) Title:** APPROACH FOR CHANNEL SWITCH TIME REDUCTION IN IPDC OVER DVB-H



**(57) Abstract:** Provided are apparatuses and methods for reducing channel switching time in a network environment. The user of a mobile terminal may receive a data stream containing numerous television programs or services. Each of the programs or services may have a Packet Identification (PID) and/or IP address. The invention reduces channel switching time by predicting channel changing behavior. Various procedures are presented in which data is received and cached. The cached data may then be used to reduce the channel switching time during synchronizing and decoding of the new channel.



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).

— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

**Published:**

— *with international search report*

**(88) Date of publication of the international search report:**

7 August 2008

## A. CLASSIFICATION OF SUBJECT MATTER

IPC: see extra sheet  
 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: H04N

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

SE, DK, FI, NO classes as above

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

**EPO-INTERNAL, WPI DATA, PAJ, INSPEC**

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 20040001500 A1 (CASTILLO, M J), 1 January 2004 (01.01.2004), figures 1-2, abstract, paragraphs [0011]-[0013],[0015],[0017]-[0024]  --	1-31
X	US 5933192 A (CROSBY, J W ET AL), 3 August 1999 (03.08.1999), abstract, whole document  --	1-31
X	US 6519011 B1 (SHENDAR, N A), 11 February 2003 (11.02.2003), abstract, whole document  --	1-31
X	US 20060075428 A1 (FARMER, J O ET AL), 6 April 2006 (06.04.2006), abstract, whole document  --	1-31

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Date of the actual completion of the international search

27 May 2008

Date of mailing of the international search report

29-05-2008

Name and mailing address of the ISA/  
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**INTERNATIONAL SEARCH REPORT**

International application No.

PCT/IB2007/003200

## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category**	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 20050149975 A1 (JUTZI, C), 7 July 2005 (07.07.2005), abstract  --	1-31
A	US 20050078757 A1 (NOHRDEN, J M), 14 April 2005 (14.04.2005), abstract  -----	1-31

**INTERNATIONAL SEARCH REPORT**

International application No.  
PCT/IB2 007/0 032 00

**International patent classification (IPC)**

***H04N 7/173*** (2006.01)

***H04N 5/50*** (2006.01)

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Cited literature, if any, will be enclosed in paper form.

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International application No.

PCT/IB2007/003200

26/01/2008

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