

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 81381405W002	<b>FOR FURTHER ACTION</b>		see Form PCT/ISA/220 as well as, where applicable, item 5 below.
International application No. PCT/IB2010/052979	International filing date (day/month/year) 30/06/2010	(Earliest) Priority Date (day/month/year) 30/06/2009	
Applicant  NXP B.V.			

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 5 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the **language**, the international search was carried out on the basis of:

- the international application in the language in which it was filed  
 a translation of the international application into \_\_\_\_\_, which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b))

b.  This international search report has been established taking into account the **rectification of an obvious mistake** authorized by or notified to this Authority under Rule 91 (Rule 43.6bis(a)).

c.  With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2.  **Certain claims were found unsearchable** (See Box No. II)

3.  **Unity of invention is lacking** (see Box No III)

4. With regard to the **title**,

- the text is approved as submitted by the applicant  
 the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

- the text is approved as submitted by the applicant  
 the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority

6. With regard to the **drawings**,

- a. the figure of the **drawings** to be published with the abstract is Figure No. 1  
 as suggested by the applicant  
 as selected by this Authority, because the applicant failed to suggest a figure  
 as selected by this Authority, because this figure better characterizes the invention
- b.  none of the figures is to be published with the abstract

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/IB2010/052979

## Box No. IV Text of the abstract (Continuation of item 5 of the first sheet)

In a channel zapping through multiple channels, each channel select identifies a new packet stream channel and the video coding standard of the channel is identified. Based on the video coding standard an optimal input buffer delay is identified, a packet stream for the new channel delayed by the optimal input buffer delay, and decoded by a decoding process according to video coding standard. Optionally, based on the video coding standard an optimal decoding processing delay is identified and the decoding applies an associated processing delay.

**INTERNATIONAL SEARCH REPORT**

International application No  
PCT/IB2010/052979

**A. CLASSIFICATION OF SUBJECT MATTER**  
 INV. H04N7/24 H04N5/00  
 ADD.  
 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)  
 H04N H04L  
 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

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 487 217 A2 (MICROSOFT CORP [US]) 15 December 2004 (2004-12-15) paragraphs [0007], [0021], [0024] - [0028], [0030], [0036] - [0046]; figure 9 -----	1-24
X	WO 2009/059003 A2 (QUALCOMM INC [US]; ORR BRIAN WILLIAM [US]; CROCKETT DOUGLAS MARION [US] 7 May 2009 (2009-05-07) paragraphs [0002] - [0006], [0014], [0018] - [0025], [0041], [0047], [0048] -----	1-24
A	US 2002/105951 A1 (HANNUKSELA MISKA [FI] ET AL) 8 August 2002 (2002-08-08) paragraphs [0003], [0004], [0010], [0022] ----- -/--	1-24

Further documents are listed in the continuation of Box C.       See patent family annex.

\* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier document but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
"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  23 September 2010	Date of mailing of the international search report  01/10/2010
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Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016	Authorized officer  Richard, Romain
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## INTERNATIONAL SEARCH REPORT

International application No  
PCT/IB2010/052979

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1 447 989 A1 (THOMSON LICENSING SA [FR] THOMSON LICENSING [FR]) 18 August 2004 (2004-08-18) paragraphs [0015] - [0024] -----	1-24
A	EP 1 928 181 A1 (SONY CORP [JP]) 4 June 2008 (2008-06-04) the whole document -----	1-24

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/IB2010/052979

Patent document cited in search report	Publication date	Patent family member(s)	Publication date	
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