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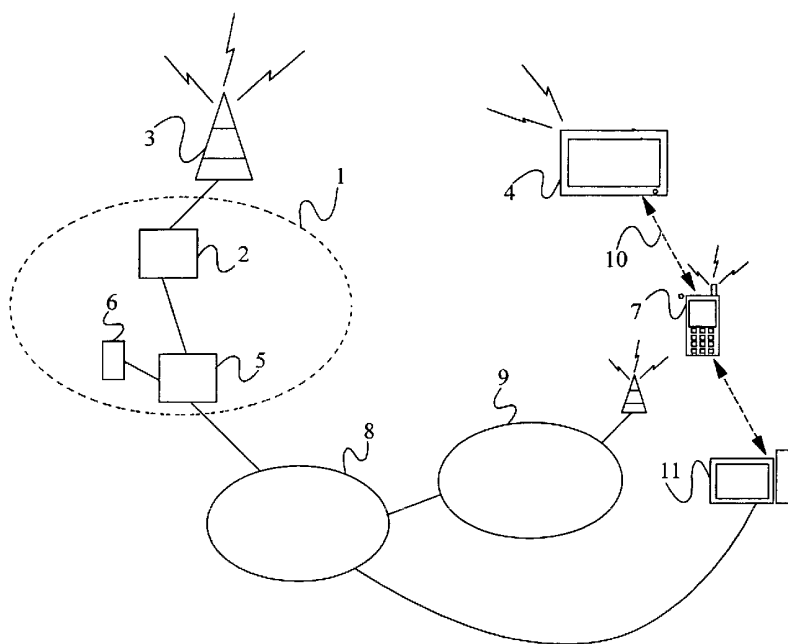
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[Continued on next page]

(54) Title: INTERACTIVE TELEVISION



(57) Abstract: A method of enabling a television viewer to interact with a television programme. A television signal corresponding to said television programme is broadcast by a television corporation 1 whilst an information server 5 is synchronised to the broadcast. Messages are sent from the information server 5 to a mobile wireless terminal 7 operated by the television viewer and/or received messages received at the information server 5 from wireless terminal 7. The sending and/or receipt of messages at the information server 5 is synchronised with the broadcast television signal.



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INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 01/15052

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 H04N7/173 H04N5/445

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

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	WO 99 04568 A (RADIOSCAPE LIMITED) 28 January 1999 (1999-01-28) page 1, line 8 - line 23 page 5, line 8 - line 10 page 8, line 7 - line 8 page 9, line 17 - line 20 page 11, line 1 - line 4 page 11, line 10 - line 26 page 11, line 31 -page 12, line 3 page 12, line 30 -page 13, line 7 page 13, line 29 -page 14, line 2 page 14, line 4 - line 6 page 14, line 20 - line 25 page 15, line 1 - line 11 page 19, line 14 - line 16 --- -/--	1,2,7-9, 11-13,18 3,4,14, 17

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

° Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "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
- "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
- "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.
- "&" document member of the same patent family

Date of the actual completion of the international search

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 01/15052

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 0 952 734 A (IBM) 27 October 1999 (1999-10-27) paragraph [0051] ---	3,4,14, 17
A	US 6 028 600 A (ROSIN ET AL) 22 February 2000 (2000-02-22) abstract ---	1
A	US 5 410 326 A (GOLDSTEIN STEVEN W) 25 April 1995 (1995-04-25) column 10, line 3 - line 10 ---	1
P,X	WO 00 78050 A (UNITED VIDEO PROPERTIES INC) 21 December 2000 (2000-12-21) page 1, line 4 - line 9 page 2, line 23 - line 26 page 5, line 13 - line 30 page 8, line 14 - line 18 page 8, line 28 - line 32 page 11, line 9 - line 13 page 13, line 15 -page 14, line 3 ---	1-4,8, 11-15, 17,18
P,X	WO 01 57757 A (MINUSHKIN JEFFREY S) 9 August 2001 (2001-08-09) page 2, line 27 -page 4, line 10 page 5, line 8 -page 6, line 24 -----	1-6,8,9, 11-14,18

INTERNATIONAL SEARCH REPORT

International application No.
PCT/EP 01/15052

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

2. Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:

3. Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-9, 11-15, 17, 18

Remark on Protest

- The additional search fees were accompanied by the applicant's protest.
- No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. Claims: 1-9, 11 (insofar dependent on 2-9),
12 (insofar dependent on 2-9 or 11),
13-14 (insofar dependent on 2-9, 11 or 12),
15 (insofar dependent on claim 14), 17, 18

Connecting a mobile terminal to an information server using Internet Protocol

2. Claims: 10, 11-15 (insofar dependent on 10)

Locating a mobile terminal by a mobile telecommunications network

3. Claim : 15 (insofar dependent on claim 13 and claim 1 or 2)

Provision of a bi-directional link between mobile terminal and television

4. Claim : 16

Routing communication from a mobile terminal to an information server through a local wireless link, a computer and the Internet

5. Claims: 19-34

Determining the profile of the audience of a broadcast advertisement

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
PCT/EP 01/15052

Patent document cited in search report	A	Publication date	Patent family member(s)	Publication date
WO 9904568	A	28-01-1999	EP 0995313 A1 WO 9904568 A1	26-04-2000 28-01-1999
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