TITLE: METHOD AND APPARATUS FOR TRANSFERRING USER INFORMATION BETWEEN TERMINALS IN BROADCAST STREAMING SERVICE

Abstract: A method and apparatus for transferring user information between different terminals are disclosed. The method includes saving by a first terminal, when a change is made to user information during playback of content, the changed user information in a scene history, performing a terminal change from the first terminal to a second terminal, and resuming, by the second terminal, playback of the content from a continued scene after the last scene played back by the first terminal. Consequently, in a terminal change, the user may use the second terminal to play back the same content from the continued scene using the same content usage environment as the first terminal.


(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, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:
— with international search report (Art. 21(3))
— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))

(88) Date of publication of the international search report: 23 December 2010
## INTERNATIONAL SEARCH REPORT

**A. CLASSIFICATION OF SUBJECT MATTER**

**H04W 8/18(2009.01)i, H04N 5/44(2006.01)i**

According to International Patent Classification (IPC) or to both national classification and IPC

## FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

H04W 8/18, H04W 80/12, G06Q 30/00, H04W 4/16, H04W 8/00, H04W 4/18, H04W 8/24

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

Korean utility models and applications for utility models

Japanese utility models and applications for utility models

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

eKOMPASS(KIPO internal) & Keywords User information, content, Different terminals

## DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
<thead>
<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No</th>
</tr>
</thead>
</table>

☐ 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
  
  "E" earlier application or patent but published on or after the international filing date
  
  "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of the cited document or other special reason (as specified)
  
  "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
  
  "F" document member of the same patent family

Date of the actual completion of the international search

27 OCTOBER 2010 (27 10 2010)

Date of mailing of the international search report

27 OCTOBER 2010 (27.10.2010)

Name and mailing address of the ISA/KR

Korean Intellectual Property Office
Government Complex-Daejeon, 139 Seomsa-ro, Seogu, Daejeon 302-701, Republic of Korea

Facsimile No 82-42-472-7140

Authorized officer

JUNG, Yun Seok

Telephone No 82-42-481-8123

Form PCT/ISA/210 (second sheet) (My 2009)
<table>
<thead>
<tr>
<th>Patent document cited in search report</th>
<th>Publication date</th>
<th>Patent family member(s)</th>
<th>Publication date</th>
</tr>
</thead>
<tbody>
<tr>
<td>KR 10-2005-0056076 A</td>
<td>14.06.2005</td>
<td>None</td>
<td></td>
</tr>
<tr>
<td>US 2009-0054092 A1</td>
<td>26.02.2009</td>
<td>None</td>
<td></td>
</tr>
</tbody>
</table>