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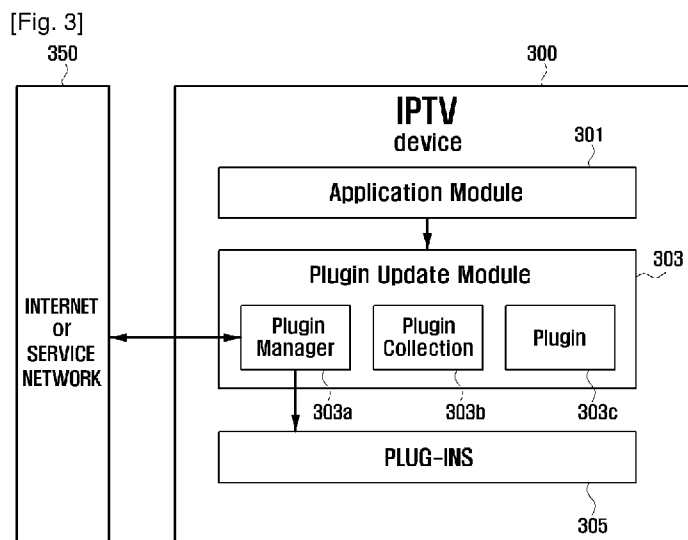
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[Continued on next page]

(54) Title: USER SERVICE PROFILE-BASED PLUG-IN UPDATE METHOD AND APPARATUS FOR INTERNET PROTOCOL TELEVISION SERVICE



(57) Abstract: A method and system for updating a plug-in in a device in Internet Protocol TeleVision (IPTV) system are provided. The method includes determining a second plug-in group selected from among a first plug-in group to be updated according to status information of each plug-in indicated in the first plug-in group in the device; and updating each plug-in indicated in the determined second plug-in group.

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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 7/173; H04N 7/16; H04N 5/44; H04N 21/262

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) &amp; Keywords: update, IPTV

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2009-0019469 A1 (FOTI GEORGE et al.) 15 January 2009 See abstract; paragraphs [0009]-[0012]; claims 1, 11; figure 6.	1-28
A	KR 10-2009-0111558 A (SAMSUNG ELECTRONICS CO., LTD.) 27 October 2009 See abstract; paragraphs [0037]-[0060]; claims 1, 13; figure 2.	1-28
A	KR 10-2008-0063719 A (CELRUN CO., LTD. et al.) 07 July 2008 See abstract; paragraphs [0018]-[0023]; claims 1, 10; figure 1.	1-28

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

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Information on patent family members

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