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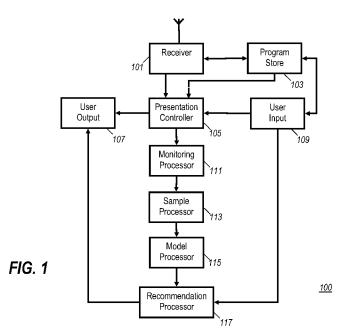
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# (54) Title: METHOD AND APPARATUS FOR RECOMMENDING CONTENT ITEMS



(57) Abstract: A recommendation apparatus comprises a monitoring processor which monitors the presentation of content items. A sample processor determines preference data for different content items by performing the steps of determining a preference value for a content item presented by the presentation unit in response to a first duration for a first section of the content item being presented relative to a total duration of the content item, and if the first duration is less than the total duration, determining if a second section of the content item not being presented corresponds to at least one of an end section and a begin section of the content item; and if so determining a confidence value for the preference value in response to a second duration of the second section. The preference data is used as training data for determining a user preference model which is then used to generate recommendations.





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## A. CLASSIFICATION OF SUBJECT MATTER

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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)

G06Q 50/00; G11B 20/10; H04B 1/16; H04N; H04N 7/16

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

(Chinese Patents and application for patent)

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) eKOMPASS(KIPO internal) & Keywords: "content, recommend, and value"

#### C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 2002-37851 A2 (KONINKLIJKE PHILIPS ELECTRONICS N.V.) 10 May 2002 See abstract, figures 1, 5 and claims 1, 11, 12.	1-10
A	US 2004-0068741 A1 (HITOSHI KIMURA) 08 April 2004 See abstract, figures 2, 9 and claim 6.	1-10
A	WO 2004-002129 A2 (THOMSON LICENSING S.A. et al.) 31 December 2003 See abstract, figures 1, 5 and claims 1, 2.	1-10
A	JP 2000-269840 A (SHARP CORP) 29 September 2000 See abstract and claims 1-6.	1-10

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

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Patent document	Publication	Patent family	Publication
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