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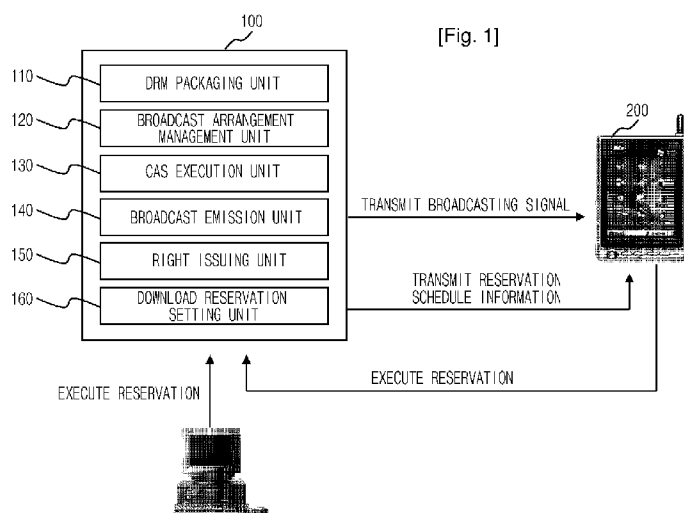
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(54) Title: METHOD AND SYSTEM FOR STORAGE AND PLAYBACK OF BROADCASTING CONTENTS, RIGHTS ISSUER APPLIED TO THE SAME



(57) Abstract: Disclosed is a method and a system for storing and playing broadcasting contents, as well as a right issuing device applied to the same. The system includes a download reservation setting unit for creating reservation schedule information for each subscriber via a user interface providing a download reservation service regarding at least one piece of broadcasting contents arranged by a broadcasting schedule, and delivering the reservation schedule information to a corresponding broadcast-watching terminal; a video/audio recording reservation setting unit for creating reservation schedule information for each subscriber via a user interface providing a PVR and PAR reservation service regarding at least one piece of broadcasting contents arranged by a broadcasting schedule, and delivering the reservation schedule information to a corresponding broadcast-watching terminal; a broadcast arrangement management unit for managing broadcast arrangement information

regarding the broadcasting schedule; a DRM packaging unit for executing DRM packaging with regard to the broadcasting contents; a CAS execution unit for executing CAS processing with regard to the broadcasting contents to set CAS information corresponding to the broadcasting contents; and a broadcast emission unit for executing scrambling with regard to the broadcasting contents subjected to DRM packaging and the CAS information, and multiplexing and broadcasting the scrambled broadcasting contents and CAS information together with the broadcast arrangement information. A service is realized based so that a terminal, which is adapted to receive broadcasting signals broadcasted according to a broadcasting schedule, downloads and stores corresponding broadcasting contents according to a preset reservation schedule or executes video/audio recording of broadcasting contents that are currently watched, and a playback right is separately given to the broadcasting contents so that, when the right expires or when the broadcasting contents are solely copied and circulated, the contents are not played, thereby encouraging purchase of the playback right.

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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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 since 1975

Japanese Utility models and applications for Utility models since 1975

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

ekipass "CAS(Conditional Access System), DRM, IPTV, broadcasting, content, reservation, schedule, scramble, authority, ECM(Entitlement Control Message)"

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	KR 10-2006-0065998 A (ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE) 15 JUN. 2006 See abstract; figures 1~3. claims 1~11, 15.	1-37
Y A	KR 10-0686689 B1 (KOREA DIGITAL CABLE MEDIA CENTER CO., LTD.) 16 FEB. 2007 See abstract; figures 1, 2. claims 1, 3, 4.	1-30, 34-37 31-33
Y A	KR 10-2005-0068244 A (KOREA ELECTRONICS TECHNOLOGY INSTITUTE) 05 JUL. 2005 See abstract; figure 2. claims 1, 3.	31-37 1-30
A	KR 10-2006-0116967 A (SK TELECOM CO., LTD.) 16 NOV. 2006 See abstract; figures 3~5. claims 1, 17, 27.	1-37



Further documents are listed in the continuation of Box C.



See patent family annex.

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"O" document referring to an oral disclosure, use, exhibition or other means

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"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

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