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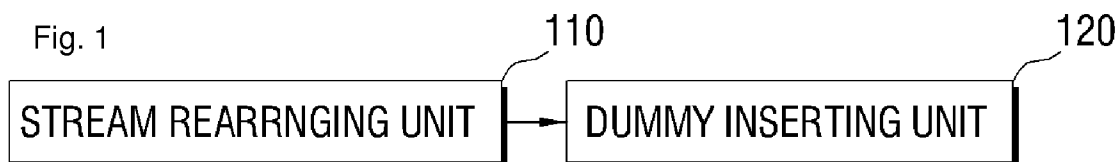
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(54) Title: DEVICE FOR PROCESSING STREAMS AND METHOD THEREOF



(57) Abstract: A device for processing streams is disclosed. The device includes a stream arranging unit which stacks and rearranges streams, and a dummy inserting unit which inserts a dummy into the rearranged streams. The device may further include a convolutional interleaver which interleaves the stream with a dummy or an RS encoder and a CRC encoder. This enhances the stability of digital broadcasting services.

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR2008/004374**A. CLASSIFICATION OF SUBJECT MATTER****H04N 7/015(2006.01)i**

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 8 : H04L 1/00, H03M 13/25, H03M13/27

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 practicable, search terms used)

eKIPASS (KIPO internal) "stream","rearrange","dummy","insert"

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y A	KR 1020040031179 A (LG ELECTRONICS INC.) 13 April 2004 See abstract; page 3 lines 21-31; fig. 3	1,2,11,12,21 3-10,13-20,22-23
Y A	EP 0681373 B1 (GENERAL INSTRUMENT CORPORATION) 05 February 2003 See abstract; claim 1; fig. 5	1,2,11,12,21 3-10,13-20,22-23
A	KR 1020020029429 A (SIEMENS AKTIENGESELLSCHAFT) 18 April 2002 See abstract; page 2 line 45-page3 line 11	1-23
A	WO 2006085251 A2 (KONINKLIJKE PHILIPS ELECTRONICS N.V. et al.) 17 August 2006 See abstract; claim 1; fig. 3	1-23

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

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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