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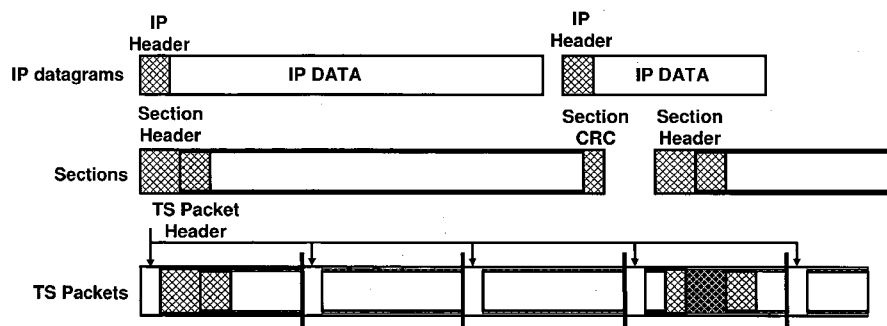
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(54) Title: ROBUST TRANSMISSION SYSTEM AND METHOD FOR MOBILE TELEVISION APPLICATIONS

FIG. 1



(57) Abstract: A data transmission system and method for DVB-H signals for enhancing data robustness of a DVB-H receiver (400) in additive white Gaussian noise (AWGN) channels includes transmitting IP datagrams from a DVB-H transmitter to the DVB-H receiver; applying a MPE section and a FEC section to the transmitted IP datagrams (414); mapping the transmitted IP datagrams to TS packets (412c); aligning boundaries of the transmitted IP datagrams to a given number of TS packets; fixing a size of the IP datagrams to a known value at the DVB-H receiver; and extracting the IP datagrams from the DVB-H receiver (416).

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
 IPC: **H04J 3/26(2006.01)**

USPC: **370/369,365,466,467,471**
 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)
 U.S. : 370/369,365,466,467,471

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)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|--|-----------------------|
| X, E | 2007/0186143 A1 (GUBBI et al.) 09 August 2007 (09.08.2007), Paragraphs 13-33 | 1-28 |
| Y, E | 2007/0277077 A1 (VESMA et al.) 29 November 2007 (29.11.2007), Paragraphs 25-46 | 1-28 |
| Y | 2005/0232223 A1 (MULLER) 20 October 2005 (20.10.2005), Paragraphs 6-8, 45-48 | 1-28 |

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

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