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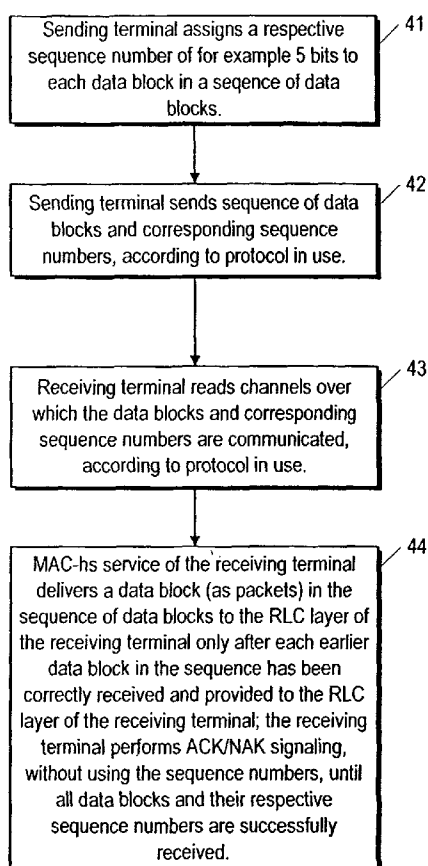
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(54) **Title:** HYBRID AUTOMATIC REPEAT REQUEST (HARQ) SCHEME WITH IN-SEQUENCE DELIVERY OF PACKETS



(57) **Abstract:** A method, along with corresponding devices (11, 12) and a system (11, 12), by which in-sequence delivery of data blocks, sent wirelessly by a sending terminal (11), is provided to a radio link control layer (12a) of a receiving terminal (12) by a media access control layer service (12b) of the receiving terminal (12), where the data blocks are communicated according to a protocol, such as WCDMA, in which a media access control layer (11b) of the sending terminal (11) includes as a service the transmission of the data blocks and possible retransmission of the same data blocks in response to ACK/NAK signaling by a corresponding service included in a media access control layer of the receiving terminal. No data block sequence number is used in the ACK/NAK signaling.

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