

Title (en)

ARQ METHOD WITH ADAPTIVE TRANSMITTAL DATA BLOCK POSITIONS

Title (de)

ARQ VERFAHREN MIT ADAPTIVER SENDEDATENBLOCKPOSITION

Title (fr)

PROCEDE ARQ A POSITIONS ADAPTATIVES DANS LE BLOC DE DONNEES D'EMISSION

Publication

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Application

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Abstract (en)

[origin: WO2004015910A1] The invention relates to a method for data transmission in a communication system, whereby a transmission-end input data flow with serially successive data is transmitted via a time-variant transmission channel. According to said method, the transmission-end input data flow is divided into individual words. An a priori reliability value is determined for each position of a transmittal data block by means of transmission-end modulation methods and coding methods, and the words of the input data flow are associated with corresponding positions of the transmittal data block according to the a priori reliability values, and transmitted. An a posteriori reliability value is formed on the receiving end for each word of the transmittal data block. The words having an a posteriori reliability value falling below a pre-determined minimum value are re-requested and re-transmitted by acknowledgement of the corresponding positions.

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