

Title (en)

SIGNAL PROCESSING APPARATUS AND METHOD USING MULTI-OUTPUT MOBILE COMMUNICATION SYSTEM

Title (de)

SIGNALVERARBEITUNGSVORRICHTUNG UND VERFAHREN MIT EINEM MOBILKOMMUNIKATIONSSYSTEM MIT MEHREREN AUSGÄNGEN

Title (fr)

APPAREIL DE TRAITEMENT DE SIGNAUX ET PROCEDE UTILISANT UN SYSTEME DE COMMUNICATION MOBILE A SORTIES MULTIPLES

Publication

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Application

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Abstract (en)

[origin: WO2005046062A2] The present invention provides a signal processing in applying HARQ to an MIMO system, by which error-detecting information enabling to decide whether a received signal is erroneous is appended for transmission. The present invention appends CRC to the data block transported from a higher layer so that HARQ can be efficiently applied to the MIMO system. The present invention segments the CRC-appended data block and then transmits the segmented data blocks via a plurality of antennas. Data streams generated from the segmented data blocks are independent from each other in coding scheme and modulation.

IPC 8 full level

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