

Title (en)

TRANSMITTER, RECEIVER AND METHOD FOR CONTROLLING MULTIPLE INPUT MULTIPLE OUTPUT SYSTEM

Title (de)

SENDER, EMPFÄNGER UND VERFAHREN ZUR STEUERUNG EINES SYSTEMS MIT MEHREREN EIN- UND AUSGÄNGEN

Title (fr)

EMETTEUR -RECEPTEUR ET PROCEDE DE COMMANDE D'UN SYSTEME A PLUSIEURS ENTREES PLUSIEURS SORTIES (MIMO)

Publication

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Application

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Abstract (en)

[origin: WO2006062356A1] Provided is a method of controlling a multiple input multiple output (MIMO) system. One embodiment of the method includes the steps of: estimating, at a receiver, a MIMO channel and detecting data streams using a successive interference cancellation scheme; calculating, at the receiver, S and P using the estimated channel and then feeding back information corresponding to  $(P_{<SUB>1</SUB>}, P_{<SUB>2</SUB>}, \dots, P_{<SUB>M-1</SUB>}, SINR_{<SUP>5</SUP>})$

IPC 8 full level

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