

Title (en)

APPARATUS FOR TRANSMITTING AND RECEIVING A SIGNAL AND A METHOD THEREOF

Title (de)

VORRICHTUNG ZUM SENDEN UND EMPFANGEN EINES SIGNALS UND VERFAHREN DAFÜR

Title (fr)

APPAREIL D'ÉMISSION ET DE RÉCEPTION DE SIGNAL ET PROCÉDÉ ASSOCIÉ

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Application

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Abstract (en)

[origin: WO2009145550A2] In one aspect of the present invention, a method for receiving a signal is disclosed. The method includes receiving (S210) signals from multiple antennas, and demodulating the received signals, respectively; parsing (S220) signal frames of the demodulated signals; performing (S230) MIMO decoding on signals in the parsed signal frames and outputting the MIMO-decoded signals to multiple paths; calibrating (S240) power levels of the MIMO-decoded signals on the multiple paths, respectively; symbol-demapping (S250) the calibrated signals on the multiple paths to bit streams by using different symbol-demapping methods, respectively; and multiplexing (S260) the bit streams and error correction decoding the multiplexed bit stream apparatus for transmitting and receiving a signal and a method thereof

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