

Title (en)  
DATA TRANSMISSION METHOD AND TRANSMITTER

Title (de)  
DATENÜBERTRAGUNGSVERFAHREN UND DATENSENDER

Title (fr)  
EMETTEUR ET PROCEDE DE TRANSMISSION DE DONNEES

Publication  
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Application  
**EP 02772440 A 20021101**

Priority  
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Abstract (en)  
[origin: WO2004040788A1] The invention relates to a transceiver and a data transmission method in a telecommunication system. The transmitter is arranged to transmit a WCDMA signal using one or more antennas, the signal comprising one or more code channels. The transmitter receives as input at least one encoded code channel. The transmitter comprises multipliers (308 - 314) for spreading each code channel with a spreading code, a combiner (324) for combining the spread signals and a converter (328) for performing a serial-to-parallel conversion on the combined signal, obtaining at least two parallel data streams, each parallel data stream corresponding to a given frequency band used in the transmission, and the transmitter is arranged to transmit the signal using simultaneously at least two different frequency bands.

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