

Title (en)

DEVICE AND METHOD FOR TRANSMITTING DATA

Title (de)

VORRICHTUNG UND VERFAHREN ZUR DATENÜBERTRAGUNG

Title (fr)

DISPOSITIF ET PROCÉDÉ DE TRANSMISSION DE DONNÉES

Publication

EP 4062531 A1 20220928 (DE)

Application

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Priority

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Abstract (en)

[origin: WO2021098981A1] The invention relates to a device for transmitting data, comprising a transmitter (10) for generating a frequency-modulated output signal (S5). The transmitter (10) has a phase-locked loop (30) for regulating the output frequency of the output signal (S5) to a carrier frequency and a coupling circuit (20) for coupling a data stream (S1) into the phase-locked loop (30), wherein the output signal (S5) frequency-modulated with the coupled data stream (S1) has an output frequency which can change over time, and the coupling circuit (20) comprises a compensation unit (22) which couples a compensation signal (S2) into the phase-locked loop (30), said compensation signal at least approximately compensating for the process of regulating the output frequency to the carrier frequency carried out by the phase-locked loop (30). The invention also relates to a method for transmitting data using a device according to the invention.

IPC 8 full level

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Citation (search report)

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