

Title (en)

TRANSMITTING/RECEIVING DEVICE FOR A BUS SYSTEM AND OPERATING METHOD THEREFOR

Title (de)

SENDE-/EMPFANGSEINRICHTUNG FÜR EIN BUSSYSTEM UND BETRIEBSVERFAHREN HIERFÜR

Title (fr)

ÉQUIPEMENT ÉMETTEUR-RÉCEPTEUR POUR UN SYSTÈME DE BUS ET SON PROCÉDÉ DE FONCTIONNEMENT

Publication

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Application

EP 19709443 A 20190305

Priority

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- EP 2019055364 W 20190305

Abstract (en)

[origin: WO2019174959A2] The invention relates to a transmitting/receiving device (10; 10a) for a bus system (1; 2), said transmitting/receiving device (10; 10a) having a first bus connection (12a) for connection to a first signal line of the bus system (1; 2), a second bus connection (12b) for connection to a second signal line of the bus system (1; 2) and a transmitting unit (14) for outputting a bus transmission signal (BS) to the first and second bus connection (12a, 12b). The transmitting/receiving device (10; 10a) has first input connection (13a) for receiving a transmission input signal (TxD) that can be used to control an operating mode of the transmitting unit (14), and the transmitting/receiving device (10; 10a) has a detection device (16) which is designed to detect if a first predefinable condition is met and, if this first predefinable condition is met, to interconnect the first and second bus connection (12a, 12b) for a predefinable first duration via a predefinable electrical resistance, said first predefinable condition comprising at least one of the following elements: a) a rising edge (sF1) of the transmission input signal (TxD) and/or of a signal derived therefrom, and b) a mode transition of the transmitting unit (14) from an operating mode in which the first and second bus connection (12a, 12b) are driven to an operating mode in which the first and second bus connection (12a, 12b) are not driven.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2019174959A2

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