

Title (en)

PARTICIPANT STATION FOR A SERIAL BUS SYSTEM, AND METHOD FOR TRANSMITTING A MESSAGE IN A SERIAL BUS SYSTEM

Title (de)

TEILNEHMERSTATION FÜR EIN SERIELLES BUSSYSTEM UND VERFAHREN ZUM SENDEN EINER NACHRICHT IN EINEM SERIELLEN BUSSYSTEM

Title (fr)

STATION DE PARTICIPANT AU BUS POUR UN SYSTÈME DE BUS SÉRIE ET PROCÉDÉ D'ENVOI D'UN MESSAGE DANS UN SYSTÈME DE BUS SÉRIE

Publication

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Application

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Abstract (en)

[origin: WO2019122207A1] The invention relates to a participant station (20; 30) for a bus system (1) and to a method for transmitting a message at different bitrates in a bus system (1). The participant station (20; 30) comprises a transmission stage (2200) for transmitting a message (4; 5) on a bus line (3) of the bus system (1). The transmission stage (2200) has output stages (225, 226, 2270, 2280) for switching differential bus signals (CAN_EL_H; CAN_EL_H) for a message (5) between a high bus state (461) and a low bus state (471). The output stage (2200) is designed such that for at least one phase for transmitting data of the message (5), the differential bus signals (CAN_EL_H; CAN_EL_H) for a low bus state (471) have the same level, and the low bus state (471) is operated with a low impedance.

IPC 8 full level

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CPC (source: EP)

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