

Title (en)

SUBSCRIBER STATION FOR A BUS SYSTEM AND METHOD FOR DATA TRANSMISSION IN A BUS SYSTEM

Title (de)

TEILNEHMERSTATION FÜR EIN BUSSYSTEM UND VERFAHREN ZUR DATENÜBERTRAGUNG IN EINEM BUSSYSTEM

Title (fr)

STATION D'ABONNÉ POUR UN SYSTÈME DE BUS ET PROCÉDÉ DE TRANSMISSION DE DONNÉES DANS UN SYSTÈME DE BUS

Publication

EP 3556058 A1 20191023 (DE)

Application

EP 17811285 A 20171206

Priority

- DE 102016224961 A 20161214
- EP 2017081670 W 20171206

Abstract (en)

[origin: WO2018108666A1] The invention relates to a subscriber station (10) for a bus system (1; 2) and to a method for data transmission in a bus system (1; 2). The subscriber station (10) comprises a transmit/receive device (12) for transmitting a message (45; 46; 47) to and/or receiving a message (45; 46; 47) from a further subscriber station (20; 30) on the bus system (1; 2) by means of a bus (40), wherein the transmit/receive device (12) is designed to reduce a differential voltage from a first predetermined voltage level for a data transmission in a first time segment to a second predetermined voltage level for a data transmission in a second time segment or to raise same again from the second predetermined voltage level to the first predetermined voltage level and to reduce the decision threshold (125, 126) for the reception of bits of the message (45; 46; 47) in the second time segment from a first predetermined threshold value for a data transmission in the first time segment to a second predetermined threshold value for a data transmission in the second time segment or to raise same again from the second predetermined threshold value to the first predetermined threshold value, and wherein the subscriber station (10) is designed to send or to receive the messages (45; 47) in the second time segment with a higher data transmission rate than in the first time segment.

IPC 8 full level

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CPC (source: EP KR)

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Citation (search report)

See references of WO 2018108666A1

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Designated extension state (EPC)

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DOCDB simple family (application)

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