

Title (en)
METHOD AND DATA TRANSMISSION SYSTEM FOR TRANSFERRING DATA BETWEEN THE DATA TRANSMISSION SYSTEM AND A HOST PROCESSOR OF A SUBSCRIBER OF A DATA TRANSMISSION SYSTEM

Title (de)
VERFAHREN UND DATENÜBERTRAGUNGSSYSTEM ZUR ÜBERGABE VON DATEN ZWISCHEN DEM DATENÜBERTRAGUNGSSYSTEM UND EINEM HOST-PROZESSOR EINES TEILNEHMERS EINES DATENÜBERTRAGUNGSSYSTEMS

Title (fr)
PROCEDE ET SYSTEME DE TRANSMISSION DE DONNEES POUR LA TRANSMISSION DE DONNEES ENTRE LE SYSTEME DE TRANSMISSION DE DONNEES ET UN PROCESSEUR HOTE D'UN ABONNE D'UN SYSTEME DE TRANSMISSION DE DONNEES

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Application
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Abstract (en)
[origin: WO2007107414A1] The invention relates to a method for transferring data between a data transmission system (1) and a processor (6) of a subscriber (3, 4, 5) of the data transmission system (1). All components (2, 9) of the data transmission system (1) are synchronized with a common global time base. The operating system time base of the subscriber processor (6) is synchronized with the global time base of the data transmission system (1). In order to make it possible to synchronize the operating system time base with the global time base even in complex data transmission systems (1), it is proposed that the operating system time base of the subscriber processor (6) is synchronized with the global time base of the data transmission system (1) at least before data are transferred and a synchronization clock (24) which is in synchronism with the global time base of the data transmission system (1) and is intended to synchronize the operating system time base is provided for this purpose. This synchronization clock (24) is provided by a suitable means (11) which is implemented using hardware and/or software. The invention also relates to a data transmission system (1) for implementing the method according to the invention. In this case, the synchronization clock (24) is provided by suitable means (11) of the communication controller (9) and is applied to the host processor (6) using a synchronization line (12).

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Citation (search report)
See references of WO 2007107414A1

Citation (examination)
• DE 10348430 A1 20050519 - VOLKSWAGEN AG [DE], et al
• US 5327468 A 19940705 - EDBLAD WARREN A [US], et al

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