

Title (en)  
DEVICE AND METHOD FOR CONVERTING A TWO-DIRECTIONAL S 0? DATA STREAM FOR TRANSMISSION VIA A LOW VOLTAGE POWER NETWORK

Title (de)  
UMSETZUNG EINES BIDIREKTIONALEN SO-DATENSTROMS FÜR EINE ÜBERMITTLUNG ÜBER EIN NIEDERSpannungsSTROMNETZ

Title (fr)  
PROCEDE ET DISPOSITIF POUR CONVERTIR UN FLUX DE DONNEES S 0? BIDIRECTIONNEL POUR UNE TRANSMISSION SUR UN RESEAU BASSE TENSION

Publication  
**EP 1243083 A2 20020925 (DE)**

Application  
**EP 00991101 A 20001219**

Priority  
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• DE 19963816 A 19991230

Abstract (en)  
[origin: WO0150625A2] The pseudoternary data stream is comprised of a sequence of SO frames (SR) and is converted into a binary data stream consisting of a sequence of binary frames (BR). First transmission packets provided for transmission of data in a first direction of transmission (DS) are subsequently modulated in a first frequency range ( DELTA f-DS) and second transmission packets provided for transmission of data in a second direction of transmission (US) are modulated in a second frequency range ( DELTA f-US). Finally, the binary frames (BR) are inserted in a first or second transmission packet and the first transmission packets are routed to a first transmission unit (UEE1) and the second transmission packets are routed to a second transmission unit (UEE2) for transfer via the low voltage power network (NSN).

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**H04B 3/54**; **H04Q 11/04**

IPC 8 full level  
**H04B 3/54** (2006.01); **H04Q 11/04** (2006.01)

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