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).

IPC 1-7

H04B 3/54; H04Q 11/04

IPC 8 full level

H04B 3/54 (2006.01); **H04Q 11/04** (2006.01)

CPC (source: EP US)

H04B 3/54 (2013.01 - EP US); **H04Q 11/0471** (2013.01 - EP US); H04B 2203/5408 (2013.01 - EP US); H04B 2203/5445 (2013.01 - EP US); H04B 2203/545 (2013.01 - EP US); H04Q 2213/13034 (2013.01 - EP US); H04Q 2213/1308 (2013.01 - EP US); H04Q 2213/13202 (2013.01 - EP US); H04Q 2213/13209 (2013.01 - EP US); H04Q 2213/13291 (2013.01 - EP US); H04Q 2213/13292 (2013.01 - EP US)

Citation (search report)

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