Title (en)
MULTI-LANE N-FACTORIAL ENCODED AND OTHER MULTI-WIRE COMMUNICATION SYSTEMS

Title (de)
MEHRSPURIGE N-FAKTORIELLE CODIERTE UND ANDERE MEHRDRAHT-KOMMUNIKATIONSSYSTEME

Title (fr)
SYSTÈMES DE COMMUNICATIONS MULTIFILAIRES MULTI-VOIES À FACTORIELLE N CODÉES ET AUTRES SYSTÈMES DE COMMUNICATION MULTIFILAIRES

Publication
EP 3360278 A1 20180815 (EN)

Application
EP 16770840 A 20160909

Priority
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Abstract (en)
[origin: WO2017062132A1] System, methods and apparatus are described that facilitate communication of data over a multi-wire data communications link, particularly between two devices within an electronic apparatus. A receiving device receives a sequence of symbols over a multi-wire link. The receiving device further receives a clock signal via a dedicated clock line, wherein the dedicated clock line is separate from, and in parallel with, the multi-wire link. The receiving device decodes the sequence of symbols using the clock signal. In an aspect, a second clock signal is embedded in guaranteed transitions between pairs of consecutive symbols in the sequence of symbols. Accordingly, the receiving device decodes the sequence of symbols using the clock signal received via the dedicated clock line while ignoring the second clock signal.

IPC 8 full level
H04L 7/00 (2006.01); **G06F 13/42** (2006.01); **H04L 25/14** (2006.01); **H04L 25/49** (2006.01)

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Citation (search report)
See references of WO 2017062132A1

Designated contracting state (EPC)
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BA ME

DOCDB simple family (publication)
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