

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

- US 201514875592 A 20151005
- US 2016051131 W 20160909

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

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CPC (source: EP KR)

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Citation (search report)

See references of WO 2017062132A1

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BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

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