

Title (en)

METHOD AND SYSTEM FOR SWITCHING BETWEEN SUBNETWORK OPERATION AND FULL NETWORK OPERATION

Title (de)

VERFAHREN UND SYSTEM ZWISCHEN TEILNETZBETRIEB UND GESAMTNETZBETRIEB

Title (fr)

PROCEDE ET SYSTEME POUR LE PASSAGE D'UN MODE DE FONCTIONNEMENT SOUS-RESEAU A UN MODE DE FONCTIONNEMENT RESEAU COMPLET

Publication

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Application

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Priority

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- DE 10225776 A 20020610
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Abstract (en)

[origin: WO03104036A1] Disclosed are a method for switching a serially linked system (100), particularly a serial data bus system, from subnetwork operation (T) in which at least one node (22, 28) and/or at least one user (32, 38) of the system (100) is/are in a state of reduced energy consumption and is/are not addressed and/or activated by the signal levels (40, 42, 44) of the data communication in the system (100), to full network operation (G) in which all nodes (20, 22, 24, 26, 28) and/or all users (30, 32, 34, 36, 38) of the system (100) are addressed and/or activated by the signal levels (46, 48) of the data communication in the system (100), and a corresponding system (100). In order to further develop said method and system (100) in such a way that the nodes (22, 28) and/or users (32, 38) of the network, i.e. on the data bus (10), can be awakened in a simple and effective manner, the system (100) is switched from subnetwork operation (T) to full network operation (G) when a zero signal level (50) and/or no modification of the signal level is detected in the system (100) for a period of time (<t) which is greater than a predefined or adjustable critical period of time (?tk).

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B60R 16/02; H04L 12/413; H04L 12/12

IPC 8 full level

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CPC (source: EP US)

H04L 12/40039 (2013.01 - EP US)

Citation (search report)

See references of WO 03104036A1

Citation (examination)

- WO 9736398 A1 19971002 - DAIMLER BENZ AG [DE], et al
- EP 1158718 A2 20011128 - GEN MOTORS CORP [US]

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DOCDB simple family (publication)

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