Title (en)

METHOD FOR EXCHANGING SIGNALS BETWEEN MODULES CONNECTED VIA A BUS, AND A DEVICE FOR CARRYING OUT SAID METHOD

Title (de)

VERFAHREN ZUM AUSTAUSCH VON SIGNALEN ZWISCHEN ÜBER EINEN BUS VERBUNDENEN MODULEN SOWIE VORRICHTUNG ZUR DURCHFÜHRUNG DES VERFAHRENS

Title (fr)

PROCEDE POUR ECHANGER DES SIGNAUX ENTRE DES MODULES RELIES PAR UN BUS ET DISPOSITIF PERMETTANT DE METTRE LEDIT PROCEDE EN OEUVRE

Publication

**EP 0961975 A1 19991208 (DE)**

Application

**EP 98965282 A 19981218**

Priority

• DE 19756885 A 19971219
• EP 9808318 W 19981218

Abstract (en)

[origin: DE19756885A1] The method involves producing a bus request signal on a common conductor (RQ), finishing or interrupting a momentary bus activity by the bus master in response to the bus request signal, and sending confirmation command to all modules. Each module counts clock signals on a common clock signal conductor (CLK), each defining a cycle attributed to each module (Mx). The module produced the bus request signal, outputs a signal during the cycle attributed to it. The method involves producing a bus request signal on a common conductor (RQ), by which a module notifies its intention to send. The module which controls the bus at this point in time, i.e. the bus master, finishes or interrupts its momentary bus activity in response to the bus request signal, and sends subsequently a confirmation command to all modules. Each module counts subsequently clock signals on a common clock conductor (CLK), whereby each clock defines a cycle (VAK0...VAKn), and each module (Mx) is attributed a predetermined cycle (VAKx). The module which has produced the bus request signal, outputs a signal on at least one predefined bus conductor during the cycle attributed to it.

IPC 1-7

**G06F 13/364**

IPC 8 full level

**G06F 13/364** (2006.01)

CPC (source: EP US)

**G06F 13/364** (2013.01 - EP US)

Citation (search report)

See references of WO 9932983A1

Designated contracting state (EPC)

AT CH DE FR GB IE IT LI SE

DOCDB simple family (publication)

**DE 19756885 A1 19990624**; **DE 19756885 B4 20050421**; CA 2281589 A1 19990701; CA 2281589 C 20050208; EP 0961975 A1 19991208; US 6425031 B1 20020723; WO 9932983 A1 19990701

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**DE 19756885 A 19971219**; CA 2281589 A 19981218; EP 9808318 W 19981218; EP 98965282 A 19981218; US 36772599 A 19991105