Title (en)

METHOD FOR COMMUNICATION BETWEEN AT LEAST TWO SUBSCRIBERS OF A COMMUNICATION SYSTEM

Title (de)

VERFAHREN ZUR KOMMUNIKATION ZWISCHEN MINDESTENS ZWEI TEILNEHMERN EINES KOMMUNIKATIONSSYSTEMS

Title (fr)

PROCEDE DE COMMUNICATION ENTRE AU MOINS DEUX ABONNES D'UN SYSTEME DE COMMUNICATION

Publication

EP 1891535 A2 20080227 (DE)

Application

EP 06763233 A 20060523

Priority

• EP 2006062540 W 20060523
• DE 102005024988 A 20050601

Abstract (en)

[origin: WO2006128810A2] The invention relates to a method for communication between at least two subscribers (2, 3) of a communication system via a plurality of data lines (D0 - D31) of a data bus, some of these data lines being used as address lines (A0 - A23) of an address bus and data and addresses being transmitted in multiplex transmission. In order to facilitate a simple and inexpensive protection of the transmission path between the subscribers (2, 3), redundant data are transmitted via at least one of the data lines (D24 - D31) that is not used as the address line (A0 - A23) at the same time the address is transmitted via the address line (A0 - A23). Checksums (so-called check bits) are preferably transmitted as the redundant data. The inventive method is preferably used for communication between a microprocessor (3) and an external memory module (2).

IPC 8 full level

G06F 13/42 (2006.01)

CPC (source: EP KR)

G06F 11/1004 (2013.01 - EP); **G06F 13/00** (2013.01 - KR); **G06F 13/14** (2013.01 - KR); **G06F 13/4213** (2013.01 - EP)

Citation (search report)

See references of WO 2006128810A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

DE 102005024988 A1 20061207; CN 101189593 A 20080528; EP 1891535 A2 20080227; KR 20080013973 A 20080213; WO 2006128810 A2 20061207; WO 2006128810 A3 20070308

DOCDB simple family (application)

DE 102005024988 A 20050601; CN 200680019283 A 20060523; EP 06763233 A 20060523; EP 2006062540 W 20060523; KR 20077027969 A 20071130