Title (en)

TRANSMISSION OF GENERIC DIGITAL MESSAGES THROUGH A MICROPROCESSOR MONITORING CIRCUIT

Title (de)

ÜBERTRAGUNG VON GENERISCHEN DIGITALNACHRICHTEN DURCH EINE ÜBERWACHUNGSSCHALTUNG EINES MIKROPROZESSORS

Title (fr)

TRANSMISSION DE MESSAGES NUMERIQUES GENERIQUES PAR UN CIRCUIT DE SURVEILLANCE D'UN MICROPROCESSEUR

Publication

EP 1556765 A1 20050727 (FR)

Application

EP 02785558 A 20021029

Priority

FR 0203723 W 20021029

Abstract (en)

[origin: WO2004042576A1] The invention concerns a method for transmitting digital messages through a microprocessor monitoring circuit (18) of specific type and integrated to a microprocessor (12), each message including an identifier and consisting of several groups of successive and juxtaposed bits divided into segments. The method consists in successively transmitting segments associated with a first group corresponding to the identifier and comprising a fixed number of bits; with second groups, at least one of the second group comprising a fixed number of bits depending on the type of monitoring circuit, the number of other second groups being independent of the type of monitoring circuit; with a third group comprising a number of bits greater than one; and with fourth groups comprising each a number of bits greater than one, the number of fourth groups depending on the identifier and on the type of monitoring circuit.

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G06F 11/267; G06F 11/36; G06F 11/34

IPC 8 full level

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CPC (source: EP US)

G06F 11/2236 (2013.01 - EP US); **G06F 11/273** (2013.01 - EP US); **G06F 11/3466** (2013.01 - EP US)

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