Title (en)

PROGRAMMABLE LOGIC CIRCUIT CONTROL APPARATUS, PROGRAMMABLE LOGIC CIRCUIT CONTROL METHOD AND PROGRAM

Title (de)

SCHALTUNGSSTEUERVORRICHTUNG MIT PROGRAMMIERBARER LOGIK, SCHALTUNGSSTEUERVERFAHREN MIT PROGRAMMIERBARER LOGIK UND PROGRAMM

Title (fr)

APPAREIL ET PROCEDE DE COMMANDE DE CIRCUIT LOGIQUE PROGRAMMABLE ET PROGRAMME ASSOCIE

Publication

EP 1697829 A1 20060906 (EN)

Application

EP 04808169 A 20041227

Priority

- JP 2004019819 W 20041227
- JP 2003433210 A 20031226

Abstract (en)

[origin: WO2005064456A1] Disclosed is a programmable logic circuit control apparatus and method, and a program, which facilitate smooth execution of multiple processes in complicated procedures. A module address memory section (3) stores data indicating the address of a module to be read by a circuit control section (4) or a condition for a branch process and a jump distance for each page. The circuit control section (4) reads data stored on the topmost page in the module address memory section (3). According to the data, the circuit control section (4) performs reading of a module, reconfiguration of a programmable logic circuit (1) and reading of data of the next page, or jumps. Every time a new page is read, the circuit control section (4) performs processes according to data stored on that page, thereby sequentially reconfiguring the programmable logic circuit (1).

IPC 8 full level

G05B 19/05 (2006.01); **G06F 9/30** (2006.01); **G06F 9/32** (2006.01); **G06F 11/00** (2006.01); **G06F 15/78** (2006.01); **H03K 19/173** (2006.01)

CPC (source: EP KR)

G05B 19/05 (2013.01 - EP); **G06F 9/30** (2013.01 - KR); **G06F 9/30054** (2013.01 - EP); **G06F 9/322** (2013.01 - EP); **G06F 11/00** (2013.01 - KR); **H03K 19/173** (2013.01 - KR); G05B 2219/13083 (2013.01 - EP); G05B 2219/13109 (2013.01 - EP)

Designated contracting state (EPC)

BE DE FR GB

DOCDB simple family (publication)

WO 2005064456 A1 20050714; CN 1973259 A 20070530; EP 1697829 A1 20060906; EP 1697829 A4 20070502; JP 2005190343 A 20050714; JP 3838367 B2 20061025; KR 20070007270 A 20070115; TW 200601029 A 20060101; TW I290282 B 20071121

DOCDB simple family (application)

JP 2004019819 W 20041227; CN 200480042134 A 20041227; EP 04808169 A 20041227; JP 2003433210 A 20031226; KR 20067014707 A 20060721; TW 93141053 A 20041227