Title (en)
METHOD AND APPARATUS FOR MODIFYING MICROINSTRUCTIONS IN A STATIC MEMORY DEVICE

Title (de)
VERFAHREN UND VORRICHTUNG ZUM ÄNDERN VON MIKROBEFEHLEN IN EINER STATISCHEN SPEICHERANORDNUNG

Title (fr)
PROCEDE ET APPAREIL DE MODIFICATION DE MICRO-INSTRUCTIONS DANS UN DISPOSITIF DE MEMOIRE STATIQUE

Publication
EP 1221096 A1 20020710 (EN)

Application
EP 00963557 A 20000914

Priority
• US 0025474 W 20000914
• US 39891299 A 19990914

Abstract (en)
[origin: WO0120453A1] Method and apparatus for modifying the program flow of microinstructions residing in a static memory device. When microinstructions from the static memory device need to be modified, a jump point register is used to hold a jump point address that triggers an interrupt event. When the current program counter contains an address equal to the jump point address and the jump point register is enabled, an interrupt event is generated that redirects the program flow away from the static memory device to a programmable memory device. Rather than using the interrupt to indicate the occurrence of an external event, the interrupt is used to bypass portions of the microinstructions residing in the static memory device.

IPC 1-7
G06F 11/00

IPC 8 full level
G06F 9/22 (2006.01); **G06F 9/26** (2006.01); **G06F 9/445** (2006.01)

CPC (source: EP KR)
G06F 8/66 (2013.01 - EP KR); **G06F 9/268** (2013.01 - EP KR); **G06F 9/328** (2013.01 - EP KR)

Citation (search report)
See references of WO 0120453A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 0120453 A1 20010322; AU 7495300 A 20010417; CN 1373872 A 20021009; EP 1221096 A1 20020710; JP 2003509769 A 20030311; KR 20020029921 A 20020420

DOCDB simple family (application)
US 0025474 W 20000914; AU 7495300 A 20000914; CN 00812750 A 20000914; EP 00963557 A 20000914; JP 2001523963 A 20000914; KR 20027001886 A 20020209