

Title (en)

PROCESSING ELEMENT WITH SPECIAL APPLICATION FOR BRANCH FUNCTIONS

Title (de)

VERARBEITUNGSELEMENT MIT SPEZIELLEN ANWENDUNGEN FÜR ZWEIGFUNKTIONEN

Title (fr)

ELEMENT DE TRAITEMENT S'APPLIQUANT PLUS PARTICULIEREMENT A DES FONCTIONS DE BRANCHEMENT

Publication

EP 1105793 A4 20070725 (EN)

Application

EP 99943848 A 19990820

Priority

- US 9919197 W 19990820
- US 9751598 P 19980821

Abstract (en)

[origin: WO0011547A1] A processor system is formed from a branch processor (fig. 1, unit 110) and a main processor. The main data processor (fig. 1, unit 20) operates like conventional processors. The branch processor operates to determine the amount of branches and information to provide information that is usually speculatively figure out. Synchronizer is used occasionally to synchronize branch processor and data processor through feedback channel (fig. 1, unit 122).

IPC 8 full level

G06F 9/32 (2006.01); **G06F 9/38** (2006.01); **G06F 9/45** (2006.01)

CPC (source: EP)

G06F 8/433 (2013.01); **G06F 8/445** (2013.01); **G06F 9/3804** (2013.01); **G06F 9/381** (2013.01); **G06F 9/3828** (2013.01); **G06F 9/383** (2013.01); **G06F 9/3842** (2013.01); **G06F 9/3851** (2013.01); **G06F 9/3885** (2013.01)

Citation (search report)

- [X] EP 0284364 A2 19880928 - SEIKO INSTR INC [JP], et al
- [YX] US 5485629 A 19960116 - DULONG CAROLE [US]
- [YA] WO 9416383 A1 19940721 - 3DO CO [US]
- [A] EP 0660223 A2 19950628 - TEXAS INSTRUMENTS INC [US]
- See references of WO 0011547A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

WO 0011547 A1 20000302; **WO 0011547 A9 20000810**; AU 5686599 A 20000314; EP 1105793 A1 20010613; EP 1105793 A4 20070725

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