

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
6 March 2003 (06.03.2003)

PCT

(10) International Publication Number
WO 2003/019381 A3

(51) International Patent Classification:
G06F 12/08 (2006.01)

(21) International Application Number:
PCT/US2002/027354

(22) International Filing Date: 27 August 2002 (27.08.2002)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/315,144 27 August 2001 (27.08.2001) US
10/212,943 5 August 2002 (05.08.2002) US

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(81) Designated States (*national*): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,
MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG,
SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ,
VC, VN, YU, ZA, ZM, ZW.

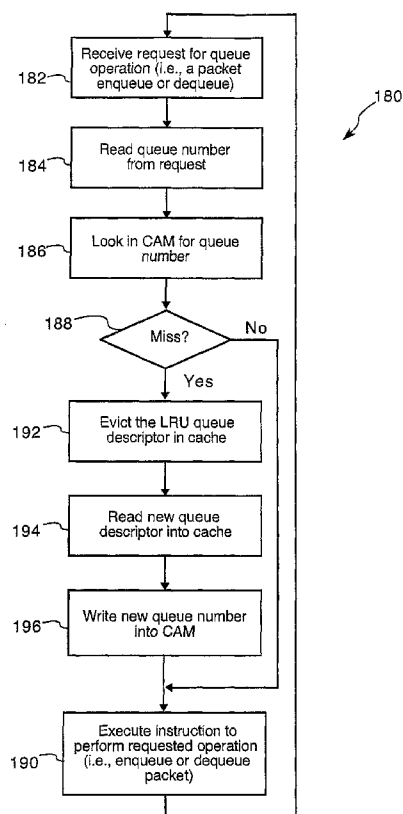
(84) Designated States (*regional*): ARIPO patent (GH, GM,
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ,
TM), European patent (AT, BE, BG, CH, CY, CZ, DE,
DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT,
SE, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA,
GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the
claims and to be republished in the event of receipt of
amendments

[Continued on next page]

(54) Title: A SOFTWARE CONTROLLED CONTENT ADDRESSABLE MEMORY IN A GENERAL PURPOSE EXECUTION DATAPATH



(57) Abstract: A lookup mechanism provides an input value to a datapath element disposed in an execution datapath of a processor and causes the datapath element to compare the input value to stored identifier values. The lookup mechanism receives from the datapath element a result based on the comparison.

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(88) Date of publication of the international search report:

14 December 2006

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US2002/027354

A. CLASSIFICATION OF SUBJECT MATTER

INV. G06F12/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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Y A	WO 01/48596 A (INTEL CORPORATION; WOLRICH, GILBERT; CUTTER, DANIEL; WHEELER, WILLIAM;) 5 July 2001 (2001-07-05) page 4, line 6 - page 5, line 4; figures 1, 2 page 10, line 20 - page 12, line 19	10 1-5, 9, 15-22
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Date of the actual completion of the international search

6 October 2006

Date of mailing of the international search report

13/10/2006

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US2002/027354

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