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**Published:**

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**Declarations under Rule 4.17:**

- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*
- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

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

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*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/US05/42234

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - G 06 Q 30/00 (2006.01)

USPC - 705/26

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)

U.S. : 705/7, 10, 14, 23, 26, 27, 28, 37; 707/104.1; 709/200, 245

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
NONE

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

PUBWEST--PGPB, USPT, EPAB and JPAB--searched collection\$, maintain\$, complet\$, database\$, purchase, obtain, intrinsic, extrinsic, characteristic\$, user\$, vendor\$, automatic\$, buy\$, goods, products, list

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6,625,581 B1 (PERKOWSKI) 23 September 2003 (23.09.2003) see col. 4 lines 56-59; col. 4 line 60 - col. 5 line 2; col. 8 line 66 - col. 9 line 5; col. 10 lines 3-17; col. 22 lines 1-5, lines 41-56; col. 43 lines 51-55; col. 52 lines 31-35; col. 59 lines 24-27; col. 62 lines 26-44; col. 74 lines 35-46, 51-55; col. 75 lines 2-11; col. 76 lines 38-45; col. 94 lines 27-44	1-2, 4-11, 13, 16, 41-42, 44-51, 53, and 56
A, P	US 2005/0120053 A1 (WATSON) 02 June 2005 (02.06.2005) see entire document	1-80
A	US 6,260,024 B1 (SHKEDY) 10 June 2001 (10.06.2001) see entire document	1-80
A	US 2002/0178077 A1 (KATZ et al.) 28 November 2002 (28.11.2002) see entire document	1-80
A	US 4,992,940 (DWORKIN) 12 February 1991 (12.02.1991) see entire document	1-80
A	US 5,946,665 (SUZUKI et al.) 31 August 1999 (31.08.1999) see entire document	1-80
A	US 2002/0174021 (CHU et al.) 21 November 2002 (21.11.2002) see entire document	1-80
A	US 2003/0139971 (RESCIGNO et al.) 24 July 2003 (24.07.2003) see entire document	1-80



Further documents are listed in the continuation of Box C.



See patent family annex.

## \* Special categories of cited documents:

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"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&amp;" document member of the same patent family

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25 March 2006 (25.03.2006)

Date of mailing of the international search report

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