

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
11 December 2003 (11.12.2003)

PCT

(10) International Publication Number
WO 2003/102765 A3

(51) International Patent Classification⁷: G06F 9/44

(74) Agents: RUBIN, Benjamin M. et al.; Siemens Corporation - Intellectual Property Dept., 186 Wood Ave. South, Iselin, NJ 08830 (US).

(21) International Application Number:
PCT/US2003/017480

(81) Designated State (national): CN.

(22) International Filing Date: 3 June 2003 (03.06.2003)

(84) Designated States (regional): European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR).

(25) Filing Language: English

(26) Publication Language: English

Published:

(30) Priority Data:
60/384,979 3 June 2002 (03.06.2002) US

- 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

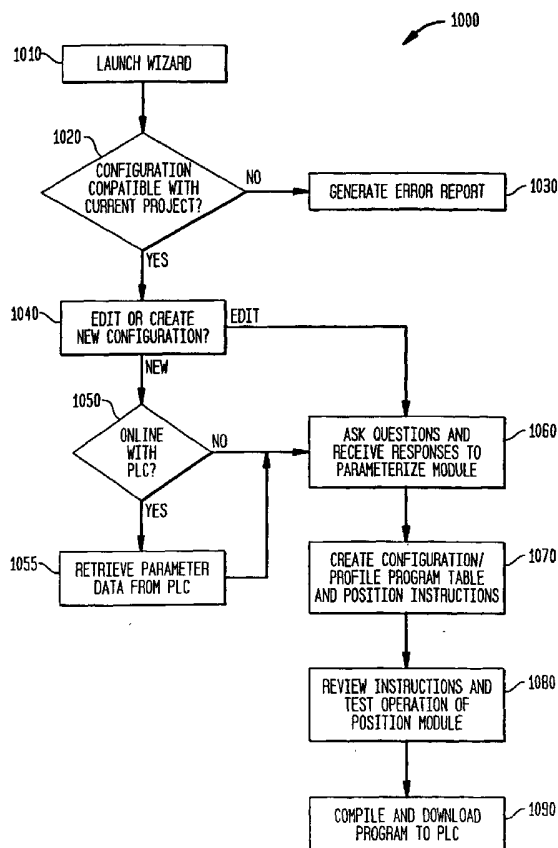
(71) Applicant: SIEMENS ENERGY & AUTOMATION, INC. [US/US]; 3333 Old Milton Parkway, Alpharetta, GA 30005-4437 (US).

(88) Date of publication of the international search report:
21 April 2005

(72) Inventors: CORNETT, James; 580 Riverside Drive, Bluff City, TN 37618 (US). FREEMON, Galen; 1809 McClellan Drive, Johnson City, TN 37604 (US).

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.

(54) Title: A WIZARD FOR PROGRAMMING AN INTELLIGENT MODULE



(57) Abstract: At least one exemplary embodiment of the present invention comprises a wizard which enables a user to configure and program an intelligent module by answering a series of questions about a specific application. The output of the wizard includes two distinct components. The wizard generates a parameter configuration for an intelligent module, reflecting the choices specified by a user for a specific application. The wizard also generates a set of customized instructions for use in a program. These instructions are specific to the choices that the user input into the wizard, and can be used in the same manner as standard instructions. It will be appreciated that in an embodiment of the invention the application, program and instructions applies to a Program Logic Controller (PLC). This abstract is submitted with the understanding that it will not be used to interpret or limit the scope or meaning of the claims.

WO 2003/102765 A3

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US 03/17480

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G06F9/44

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)
IPC 7 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, WPI Data, PAJ, IBM-TDB, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	"SERVOSTAR SC Installation Manual" "Online!" 9 January 2001 (2001-01-09), XP002318355 Retrieved from the Internet: URL: http://cfa-www.cfa.harvard.edu/srlab/t_hunter/datasheets/mmi4832.pdf 'retrieved on 2005-02-18! page 42, paragraph 5 page 47, paragraph 1 page 48 page 50 - page 52 page 96, figure B-31 page 96, figure B-32 page 135, figure B-101 page 135, figure B-102 ----- -/--	1-14

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

° Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *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.
- * & * document member of the same patent family

Date of the actual completion of the international search

22 February 2005

Date of mailing of the international search report

09/03/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Milasinovic, G

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US 03/17480

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>"SERVOSTAR MC Features" 'Online! 27 December 2001 (2001-12-27), XP002318356 MOTIONVILLAGE HOMEPAGE Retrieved from the Internet: URL: http://web.archive.org/web/20011227231936/http://www.motionvillage.com/products/controllers/mc/MCfeatures.html> 'retrieved on 2005-02-18! page 2 - page 3</p> <p style="text-align: center;">-----</p>	1-14