

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
17 November 2005 (17.11.2005)

PCT

(10) International Publication Number
WO 2005/107409 A3

(51) International Patent Classification⁷: **G05B 19/418**,
23/02, G06F 9/44

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(21) International Application Number:
PCT/US2005/015393

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(22) International Filing Date: 4 May 2005 (04.05.2005)

(25) Filing Language: English

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

(26) Publication Language: English

(30) Priority Data:
60/567,980 4 May 2004 (04.05.2004) US

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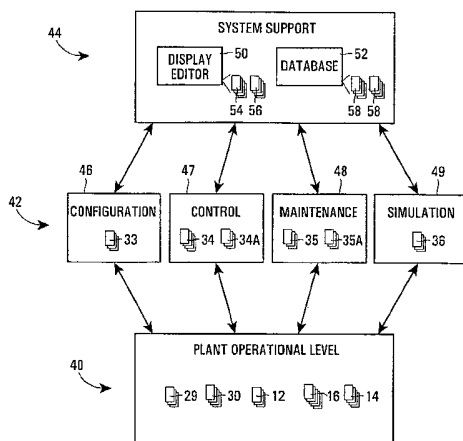
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(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,
SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: INTEGRATED GRAPHICAL USER INTERFACE FOR PROCESS CONTROL



(57) Abstract: A common process control graphical user interface plant operators, plant maintenance personnel, and management is disclosed which provides a real-time interface to both the process and the plant. The common interface is modular in design and is capable of supporting various specializations for each user type. Operator consoles are dedicated to each section of the plant and include additional functions such as maintenance, configuration, simulation and supervisory information. The common graphical interface replaces control room displays filled with single case analog controllers, meters, and digital indicators. The common interface addresses the functions that previously were provided by the panel motor start/stop buttons and status indications, chart recorders, annunciator panels and subsystem interfaces. From a console, operators manage alarms, adjust the process by entering new setpoints or other parameters, "zoom in" on particular portions of the process for details, and utilize other specialized applications to work with their batch, advanced control, or business applications. The interface will run in both dedicated and non-dedicated modes, will run as a rich client or as part of a browser style interface utilizing web services and will run on workstations, laptops, tablet PC's, handhelds, and smart phones.

WO 2005/107409 A3



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*

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.

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

26 January 2006

INTERNATIONAL SEARCH REPORT

In: Application No
PCT/US2005/015393

A. CLASSIFICATION OF SUBJECT MATTER
G05B19/418 G05B23/02 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)
G05B 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

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/077711 A1 (NIXON MARK J ET AL) 20 June 2002 (2002-06-20) the whole document	1-20
X	US 6 445 963 B1 (BLEVINS TERRENCE L ET AL) 3 September 2002 (2002-09-03) the whole document	1-20
A	US 5 576 946 A (BENDER ET AL) 19 November 1996 (1996-11-19) the whole document	1-20
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- * & * document member of the same patent family

Date of the actual completion of the international search

1 December 2005

Date of mailing of the international search report

09/12/2005

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INTERNATIONAL SEARCH REPORT

Int	Application No
PCT/JP05/015393	

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