

1) Family number: 29026948 (US6615199B)

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Title: ABSTRACTION FACTORY IN A BASE SERVICES PATTERN ENVIRONMENT

Abstract: An abstraction factory pattern in a client/server architecture receives and transforms data into a plurality of concrete objects. Each of the concrete objects is associated with an abstract interface. A map of the association between the concrete objects and the abstract interface is created. When a request is received from the client (which includes an identifier for one of the concrete objects and an identifier for the abstract interface) the map on the server is consulted to locate the concrete object that has been identified. Then, an abstract object is created that corresponds to the located concrete object such that the abstract object serves as a handle, generically manipulable by the client/server architecture. The invention represents a way to encapsulate diversity such that only those parts of the system that need to understand the difference between two objects have to deal with those differences.

Classifications:

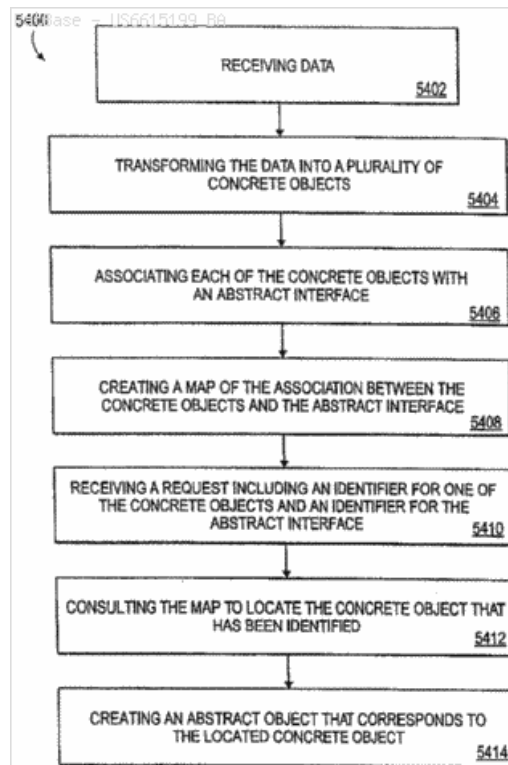
International (IPC 8-9): G06F9/42 G06N5/02 (Advanced/Invention);
G06F9/40 G06N5/00 (Core/Invention)

International (IPC 1-7): G06N5/02

CPC: G06F9/449

European: G06F9/44F2A

US: 706/50 712/E09.084 712/E9.084



Family:

Publication number	Publication date	Application number	Application date
US6615199 BA	20030902	US19990386831	19990831

Priority:

US19990386831 19990831

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Inventor(s): (std): BOWMAN AMUAH MICHEL K

2) Family number: 31395785 (US2004254842A)

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Title: ORDER COMMITMENT METHOD AND SYSTEM

Abstract: An order commitment method and system are described. The method includes the steps of identifying services and data capable of supporting an order commitment, and mapping the services to enable synchronized on-demand queries. The mapping step includes determining relationships among the services and the data and maintaining the relationships, wherein links are established to create fulfillment information. The method also includes using the fulfillment information to generate the order commitment.

Classifications:

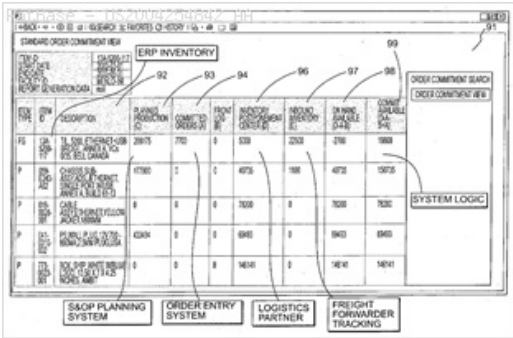
International (IPC 8-9): G06F17/30 G06Q10/00 (Advanced/Invention)

International (IPC 1-7): G06F17/60 G06G1/14

CPC: G06Q10/087 G06Q10/063 G06Q10/0631 G06Q20/203
G06Q40/04

European: G06F17/60C4 G06Q10/063 G06Q10/0631 G06Q10/087
G06Q20/203 G06Q40/04

US: 235/385 340/5.92 705/22 705/22P 705/28 705/37 705/7
705/7.11 705/7.12 707/10 707/102 707/205 707/3 707/624



Family:

Publication number	Publication date	Application number	Application date
DE112004001031 T5	20060427	DE200411001031	20040610
GB200524310 A0	20060104	GB20050024310	20040610
GB2418047 A1	20060315	GB20050024310	20040610
US2004254842 AA	20041216	US20040864456	20040610
US2010262581 AA	20101014	US20090654761	20091231
US7657534 BB	20100202	US20040864456	20040610
WO04111902 A2	20041223	WO2004IB02335	20040610
WO04111902 A3	20050127	WO2004IB02335	20040610

Priority:

US20030478448P 20030613 US20040864456 20040610 WO2004IB02335 20040610
US20090654761 20091231

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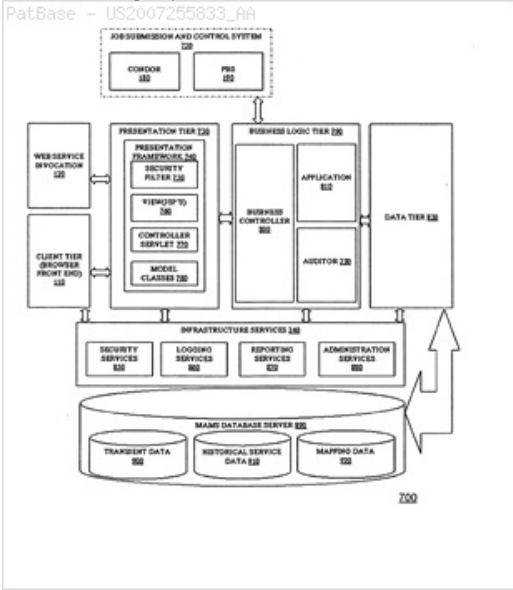
Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ
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KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG
PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA
ZM ZW

3) Family number: 40765049 (US2007255833A) © PatBase

Title: SYSTEM AND METHODS FOR MANAGING RESOURCES IN GRID COMPUTING

Abstract: A system, method, and computer program product for managing resources, including a server adapted for interacting with at least one control system to schedule multiple jobs using at least one resource is disclosed. The system further comprises an agent adapted for monitoring execution of the at least one resource and a database server adapted for storing at least one grid resource data. Furthermore, the system includes an interface adapted for submitting the multiple jobs to the at least one resource in addition with various meta-attributes. In one embodiment of the present technique, the system comprises a method for providing an integrated and service oriented architecture to the system. Furthermore, the system implements adaptation and manageability concepts and integrates scheduling capabilities.

Classifications:
International (IPC 8-9): G06F15/173 (Advanced/Invention);
G06F15/16 (Core/Invention)
CPC: H04L67/32
European: H04L29/08N31
US: 709/226



Family:

Publication number	Publication date	Application number	Application date
US2007255833 AA	20071101	US20060411853	20060427

Priority:

US20060411853 20060427

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