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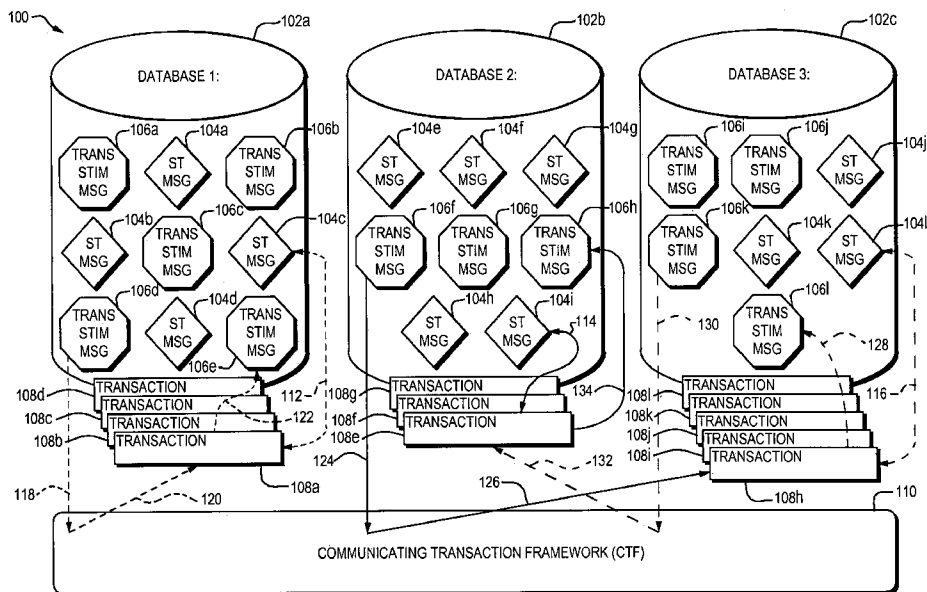
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(54) Title: EXTENDED TRANSACTIONS



(57) Abstract: Multiple atomic "component" database transactions are combined into a single extended transaction through message passing. The multiple component transactions that comprise a single extended transaction may, in combination, perform a single computation. The component transactions may pass messages to each other by writing and reading records to and from one or more databases. The resulting extended transaction may be distributed and/or long-lived.

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INTERNATIONAL SEARCH REPORT

International application No.
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<p>A. CLASSIFICATION OF SUBJECT MATTER IPC(8) - G06F 7/00 (2008.01) USPC - 707/100 According to International Patent Classification (IPC) or to both national classification and IPC</p>																				
<p>B. FIELDS SEARCHED</p> <p>Minimum documentation searched (classification system followed by classification symbols) USPC: 707/100</p> <p>Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched USPC: 707/101, 103R, 103Y, 203; search terms below</p> <p>Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Electronic Databases Searched: PubWEST (USPT, PGPB, EPAB, JPAB); Google Scholar Search Terms Used: atomic transaction, distributed, database, two phase commit protocol, roll back, single computation, messages, program, transaction stimulus message, CTF, field, TCP, field addressing, executing, transaction reception, second t</p>																				
<p>C. DOCUMENTS CONSIDERED TO BE RELEVANT</p> <table border="1"> <thead> <tr> <th>Category*</th> <th>Citation of document, with indication, where appropriate, of the relevant passages</th> <th>Relevant to claim No.</th> </tr> </thead> <tbody> <tr> <td>X --- Y</td> <td>US 6,529,932 B1 (DADIOMOV et al.) 04 March 2003 (04.03.2003), abstract, col 1, ln 50-67, col 1, ln 67 to col 2, ln 7, col 6, ln 12-20, col 6, ln 63 to col 7, ln 3, col 9, ln 8-16</td> <td>16-23 ----- 1-15</td> </tr> <tr> <td>Y</td> <td>US 6,671,686 B2 (PARDON et al.) 30 December 2003 (30.12.2003), abstract, col 6, ln 23-24, col 11, ln 20-27; col 13, ln 5-10, col 15, ln 14-25</td> <td>1-15</td> </tr> <tr> <td>A</td> <td>US 2005/0108255 A1 (ALVES et al.) 19 May 2005 (19.05.2005), abstract, fig 1-4</td> <td>1-23</td> </tr> <tr> <td>A</td> <td>US 6,157,927 A (SCHAEFER et al.) 05 December 2000 (05.12.2000), abstract, fig 9I</td> <td>1-23</td> </tr> <tr> <td>A</td> <td>US 6,678,696 B1 (HELLAND et al.) 13 January 2004 (13.01.2004), abstract, fig 1-4</td> <td>1-23</td> </tr> </tbody> </table>			Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	X --- Y	US 6,529,932 B1 (DADIOMOV et al.) 04 March 2003 (04.03.2003), abstract, col 1, ln 50-67, col 1, ln 67 to col 2, ln 7, col 6, ln 12-20, col 6, ln 63 to col 7, ln 3, col 9, ln 8-16	16-23 ----- 1-15	Y	US 6,671,686 B2 (PARDON et al.) 30 December 2003 (30.12.2003), abstract, col 6, ln 23-24, col 11, ln 20-27; col 13, ln 5-10, col 15, ln 14-25	1-15	A	US 2005/0108255 A1 (ALVES et al.) 19 May 2005 (19.05.2005), abstract, fig 1-4	1-23	A	US 6,157,927 A (SCHAEFER et al.) 05 December 2000 (05.12.2000), abstract, fig 9I	1-23	A	US 6,678,696 B1 (HELLAND et al.) 13 January 2004 (13.01.2004), abstract, fig 1-4	1-23
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<p>Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US, Commissioner for Patents P.O. Box 1450, Alexandria, Virginia 22313-1450 Facsimile No. 571-273-3201</p>		<p>Authorized officer: Lee W. Young PCT Helpdesk: 571-272-4300 PCT OSP: 571-272-7774</p>																		