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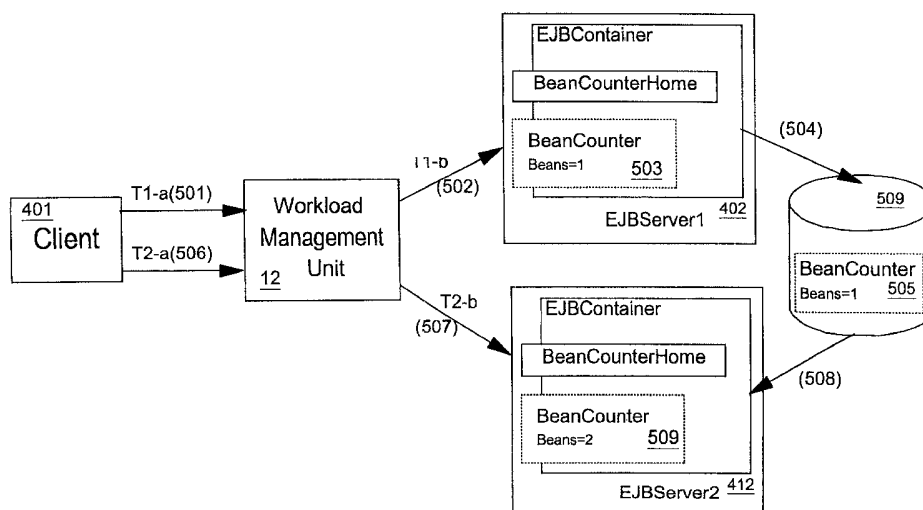
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(54) Title: WORKLOAD MANAGEMENT OF STATEFUL PROGRAM ENTITIES(E.G. ENTERPRISE JAVA SESSION BEANS)



(57) Abstract: In a workload managed system comprising a plurality of server processes each capable of supporting a given program entity, such as an Enterprise JavaBeans™ specified stateful session bean, a stateful session bean instance is passivated, by writing it to a bean store, on completion of a unit of work. On next use the session bean is reactivated, by reading it from the bean store, in any one of the plurality of servers thereby allowing workload management for stateful session beans. A routing table is maintained, in non-volatile mass storage, that contains location information for units of work and stateful session bean instances, used to maintain unit of work-server affinity for the lifetime of the unit of work. Stateful session beans instances are associated with ID keys that include a flag that is used to indicate whether or not the routing table contains location information for the bean instance.



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B. FIELDS SEARCHED

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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	<p>DUVOS, ENRIQUE; BESTAVROS, AZER: "An Infrastructure for the Dynamic Distribution of Web Applications and Services" BOSTON UNIVERSITY TECHNICAL REPORT BUCS-TR-2000-027, 'Online! 15 December 2000 (2000-12-15), pages 1-22, XP002248392 Retrieved from the Internet: <URL:http://www.cs.bu.edu/techreports/pdf/2000-027-web-apps-dynamic-distribution.pdf > 'retrieved on 2003-07-18! abstract page 6, paragraph 5 -page 7, paragraph 2 page 6, paragraph 3 page 15, paragraphs 2-4 page 19, paragraph 4 --- -/--</p>	1-24

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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>DEMICHIEL, LINDA G.; YALÇINALP, L. ÜMIT; KRISHNAN, SANJEEV: "Enterprise JavaBeans Specification, Version 2.0, Proposed Final Draft, Chapter 6 'Session Bean Component Contract'" SUN MICROSYSTEMS, 'Online! page 1-23, 59-89 XP002248393 Retrieved from the Internet: <URL:ftp://ftp.java.sun.com/pub/ejb/43or90 9j/ejb-2_0-pfd-spec.pdf> 'retrieved on 2003-07-18! page 86 page 67 page 72 page 70 page 74</p> <p>-----</p>	1-24