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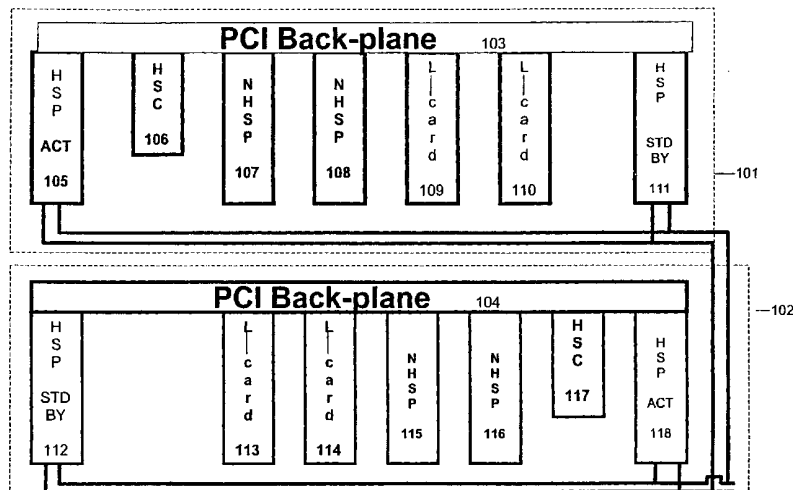
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(54) Title: METHOD AND SYSTEM FOR PROVIDING CLUSTER REPLICATED CHECKPOINT SERVICES



(57) Abstract: The present invention describes a method and system for providing cluster replicated checkpoint services. In particular, the method provides cluster replicated checkpoint services for replicas of a checkpoint in a cluster. The cluster includes a first node and a second node, which are connected to one another via a network. The replicas include a primary replica and a secondary replica. The method includes managing the checkpoint that contains checkpoint information, and creating the primary replica in a memory of the first node. The primary replica contains first checkpoint information. The method also includes updating the primary replica so that the first checkpoint information corresponds to the checkpoint information, creating the secondary replica that contains second checkpoint information in a memory of the second node, and updating the secondary replica so that the second checkpoint information corresponds to the checkpoint information.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 G06F11/14 G06F11/20

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, INSPEC, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	KERMARREC A-M ET AL: "DESIGN IMPLEMENTATION AND EVALUATION OF ICARE: AN EFFICIENT RECOVERABLE DSM" SOFTWARE PRACTICE & EXPERIENCE, JOHN WILEY & SONS LTD. CHICHESTER, GB, vol. 28, no. 9, 25 July 1998 (1998-07-25), pages 981-1010, XP000765512 ISSN: 0038-0644	1, 2, 5-7, 10, 13-15, 17-20, 22-24, 28-31, 34-38, 40-44, 46, 48
Y	abstract	16
A	page 983, line 44 -page 984, line 2 page 986, line 13 -page 988, line 2 page 989, line 25 -page 990, line 22 page 992, line 9 -page 993, line 7 page 994, line 6 -page 995, line 22 page 997, line 21 - line 32 -/--	8, 9, 11, 12, 26, 27, 32, 33, 45

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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INTERNATIONAL SEARCH REPORT

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5590277	A	NONE	
