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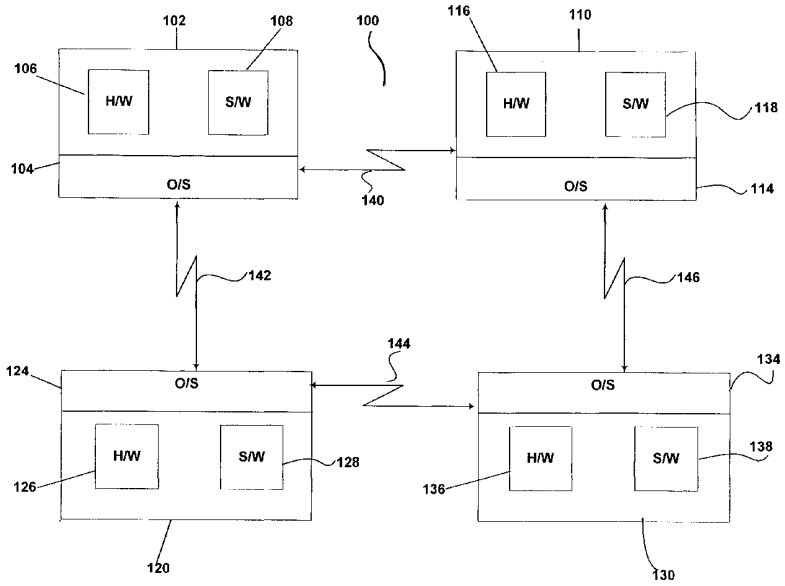
(54) Title: A MEANS FOR INCORPORATING SOFTWARE INTO AVAILABILITY MODELS



(57) Abstract: A model and method that incorporates software into a network availability model is disclosed. An availability model models a platform having at least one software component having different classes of failures. The platform is within a network. The availability model includes a platform model for the platform parameters. The model also includes a software availability model within the platform model. The software availability model includes an aggregate failure rate for each of the classes of failures. The software availability model also includes an aggregate repair time for each of the classes of failures.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04L12/24

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 H04L 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, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 014 220 A (COHEN GERALD C ET AL) 7 May 1991 (1991-05-07) abstract column 2, line 10 - line 24 column 5, line 37 -column 6, line 14 column 6, line 47 - line 59 column 7, line 4 - line 39 claims 1,3,6 --- -/--	1-5

[X] Further documents are listed in the continuation of box C.

[X] Patent family members are listed in annex.

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"A" document defining the general state of the art which is not considered to be of particular relevance

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Date of the actual completion of the international search	Date of mailing of the international search report
31 May 2002	07/06/2002

Name and mailing address of the ISA	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Lai, C

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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	CRAMP R ET AL: "On operational availability of a large software-based telecommunications system" SOFTWARE RELIABILITY ENGINEERING, 1992. PROCEEDINGS., THIRD INTERNATIONAL SYMPOSIUM ON RESEARCH TRIANGLE PARK, NC, USA 7-10 OCT. 1992, LOS ALAMITOS, CA, USA,IEEE COMPUT. SOC, US, 7 October 1992 (1992-10-07), pages 358-366, XP010030535 ISBN: 0-8186-2975-4 abstract page 358, left-hand column, line 16 - line 33 page 358, right-hand column, line 2 - line 14 page 358, right-hand column, line 19 - line 22 page 359, left-hand column, line 18 - line 27 page 360, left-hand column, line 1 - line 19 page 361, right-hand column, line 1 -page 362, left-hand column, line 2 page 362, right-hand column, line 1 - line 11 page 364, left-hand column, line 23 - line 35 paragraph '0005! ---	1-5
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INTERNATIONAL SEARCH REPORT

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