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**Declarations under Rule 4.17:**

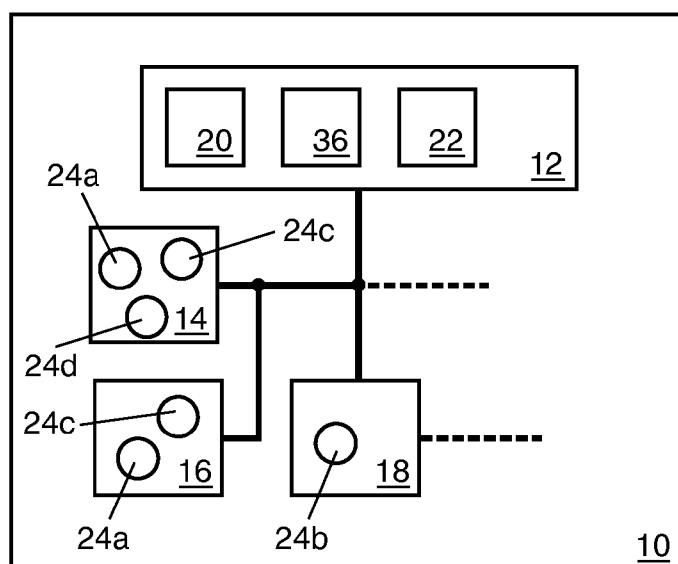
- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))

**Published:**

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[Continued on next page]

(54) **Title:** LAZY RESOURCE MANAGEMENT



**FIG. 1**

(57) **Abstract:** The present application relates in general to a method for processing an application in general. The method comprises processing an application which uses at least one resource (24a - 24d). The method comprises creating at least one proxy depending on the application. The method comprises claiming at least one resource (24a - 24d) by the proxy after at least a partial configuration is determined, wherein the actually used resource for processing the application is determined depending on at least one predefined criterion.



— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*

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## A. CLASSIFICATION OF SUBJECT MATTER

INV. G06F9/50 H04L29/08  
ADD.

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)

G06F H04L

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, COMPENDEX, INSPEC, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2007/258480 A1 (GUSTAVSSON STEFAN BENGT [SE]) 8 November 2007 (2007-11-08) paragraph [0002] - paragraph [0003] paragraph [0025] - paragraph [0029] figure 1	1-25
A	----- US 2007/156823 A1 (ANDREEVA ROSITZA [BG] ET AL) 5 July 2007 (2007-07-05) paragraph [0017] - paragraph [0018] paragraph [0022]	1-25
A	----- US 2004/103166 A1 (BAE MYUNG MUN [US] ET AL) 27 May 2004 (2004-05-27) paragraph [0012] paragraph [0023] - paragraph [0024] paragraph [0032] - paragraph [0034] ----- -/-	1-25



Further documents are listed in the continuation of Box 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	<p>HWA MIN LEE ET AL: "A resource manager for optimal resource selection and fault tolerance service in grids", CLUSTER COMPUTING AND THE GRID, 2004. CCGRID 2004. IEEE INTERNATIONAL SYMPOSIUM ON CHICAGO, IL, USA APRIL 19-22, 2004, PISCATAWAY, NJ, USA, IEEE, 19 April 2004 (2004-04-19), pages 572-579, XP010725989, ISBN: 978-0-7803-8430-9</p> <p>* abstract  page 572, right-hand column, last paragraph  page 573, left-hand column, paragraph 2  page 573, right-hand column, paragraph 3  page 574, left-hand column, paragraph 2 -  page 575, left-hand column, paragraph 2</p> <p>-----</p>	1,19,24, 25
A	<p>US 2006/174333 A1 (THOMAS STEVEN R [CA] ET AL THOMAS STEVEN ROBERT [CA] ET AL)  3 August 2006 (2006-08-03)  column 5 - column 7  column 26  column 29  column 32 - column 33</p> <p>-----</p>	1-25
A	<p>US 5 754 854 A (KANAMORI ATSUSHI [US] ET AL) 19 May 1998 (1998-05-19)  column 5, line 9 - line 45</p> <p>-----</p>	1,19,24, 25

# INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2007258480 A1	08-11-2007	WO 2007128353 A1	15-11-2007
US 2007156823 A1	05-07-2007	NONE	
US 2004103166 A1	27-05-2004	US 2009282151 A1	12-11-2009
US 2006174333 A1	03-08-2006	CA 2533262 A1	28-07-2006
US 5754854 A	19-05-1998	US 6338079 B1	08-01-2002