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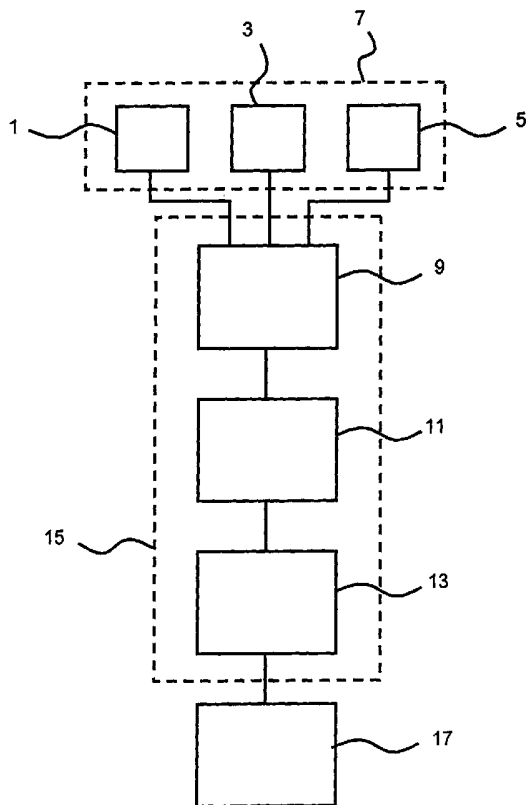
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60/370,608 5 April 2002 (05.04.2002) US
- (71) Applicant (for all designated States except US): **OPTIMIZATION METHODS DEUTSCHLAND GMBH** [DE/DE]; Am Klapperkump 5A, 35104 Lichtenfels (DE).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): **HOFFESOMMER, Klaus** [DE/DE]; Am Klapperkump 5A, 35104 Lichtenfels (DE).
- (74) Agent: **SCHIUMA, Daniele**; Müller-Boré & Partner, Grafinger Str. 2, 81671 Munich (DE).
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[Continued on next page]

(54) Title: METHOD AND DEVICE FOR OPTIMIZING THE ORDER OF ASSIGNMENT OF A NUMBER OF SUPPLIES TO A NUMBER OF DEMANDERS



(57) Abstract: An inventive device for determining an optimized assignment of a number of supplies or resources, such as computer processor units, each having a certain supply amount or resource amount, such as a processing capacity, to a number of demanders or demands, such as tasks to be processed by the computer processor units, each having a certain demand amount to be satisfied by said supplies or resources, such as a capacity demand, i.e. a processing capacity necessary to process the task, in which, after the assignment, the sum of unsatisfied demand amounts is minimized.

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/03551

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G06F17/60

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

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>ANDREW V. GOLDBERG, BORIS V. CHERKASSKY: "ON IMPLEMENTING PUSH-RELEABLE METHOD FOR THE MAXIMUM FLOW PROBLEM" TECHNICAL REPORT STAN-CS-94-1523, 'Online! 1994, XP002254653 Stanford University, USA Retrieved from the Internet: <URL:http://citeseer.nj.nec.com/cache/pape rs/cs/685/ftp:zSzzSztheory.stanford.eduSz pubzSzgoldbergzSzstan-cs-tr-94-1523.pdf/ch erkassky94implementing.pdf> 'retrieved on 2003-09-16! cited in the application the whole document</p> <p align="center">--- -/--</p>	1-80



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Patent family members are listed in annex.

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- * & * document member of the same patent family

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Name and mailing address of the ISA

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

Authorized officer

Sündermann, R

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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.
X	<p>ANDREW V. GOLDBERG, ROBERT E. TARJAN: "A New Approach to the Maximum Flow Problem" PROCEEDINGS OF THE EIGHTEENTH ANNUAL ACM SYMPOSIUM ON THEORY OF COMPUTING, 'Online! November 1986 (1986-11), pages 136-146, XP002254654 Berkeley, California, United States ISBN: 0-89791-193-8 Retrieved from the Internet: <URL:http://delivery.acm.org/10.1145/20000/12144/p136-goldberg.pdf?key1=12144&key2=7814173601&coll=portal&d1=ACM&CFID=2181828&CFTOKEN=68827537> 'retrieved on 2003-09-16! cited in the application the whole document</p> <p style="text-align: center;">---</p>	1-80
X	<p>HAROLD N. GABOW, ROBERT E. TARJAN: "Almost-optimum speed-ups of algorithms for bipartite matching and related problems" PROCEEDINGS OF THE TWENTIETH ANNUAL ACM SYMPOSIUM ON THEORY OF COMPUTING, 'Online! 1988, pages 514-527, XP002254655 Chicago, Illinois, United States ISBN: 0-89791-264-0 Retrieved from the Internet: <URL:http://citeseer.nj.nec.com/cache/papers/cs/3311/http:zSzzSzwww.uni-paderborn.de/zSz{arturzSzTEACHINGzSzLITERATURzSzNETWORK-ALGORITHMSzSz neci-tr-98-045.pdf/goldberg98recent.pdf}> 'retrieved on 2003-09-16! the whole document</p> <p style="text-align: center;">---</p>	1-80
X	<p>ANDREW V. GOLDBERG: "Recent Developments in Maximum Flow Algorithms" TECHNICAL REPORT NO. 98-045, 'Online! April 1998 (1998-04), XP002254656 NEC Research Institute, USA Retrieved from the Internet: <URL:http://citeseer.nj.nec.com/cache/papers/cs/3311/http:zSzzSzwww.uni-paderborn.de/zSz{arturzSzTEACHINGzSzLITERATURzSzNETWORK-ALGORITHMSzSz neci-tr-98-045.pdf/goldberg98recent.pdf}> 'retrieved on 2003-09-16! the whole document</p> <p style="text-align: center;">---</p>	1-80
X	<p>US 6 044 361 A (KALAGNANAM JAYANT R ET AL) 28 March 2000 (2000-03-28) abstract column 9, line 55 -column 12, line 11; claims 1-6</p> <p style="text-align: center;">-----</p>	1-80

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 6044361	A	NONE	