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[Continued on next page]

(54) **Title:** INTERFACE MODULE

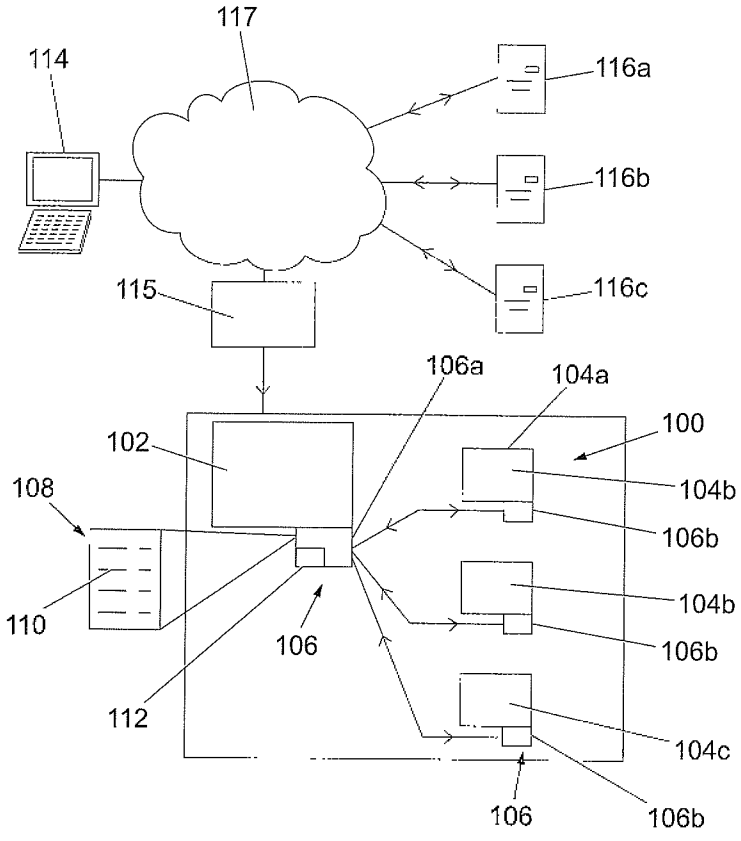


Fig. 1

(57) Abstract: An interface module between a communication module and a number of instances of business logic modules of a software engine comprises first and second functional elements. The first functional element receives incoming data from the communications module and selects which of the instances of business logic modules to forward the incoming data. The selection of an instance of the business logic module is based upon a ruie set held within a data structure at the first functional element. The incoming data passes to the selected logic module instance via the second functional element. The second functional element determines a mode of operation of the selected logic module instance. The mode of operation corresponds to either a single shot or a multiple shot mode of operation. If a multiple shot mode of operation is selected incoming data passes to the selected logic module instance sequentially. Alternatively, if a single shot mode of operation is selected a summary data record corresponding summary of incoming data received at the first function element passes to the selected logic module instance.

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B. FIELDS SEARCHED

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Documentation searched other than minimum documentation Io 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	**ROSENBERG F ET AL: "Design and Implementation of a Service-Oriented Business Rules Broker"** **E-COMMERCE TECHNOLOGY** WORKSHOPS, **2005. SEVENTH IEEE INTERNATIONAL CONF ERENCE ON** MUNICH, **GERMANY 19-19 JULY 2005,** PISCATAWAY, **NJ,** USA, IEEE, **19 July 2005 (2005-07-19), pages 55-63, XP010843475** **ISBN: 978-0-7695-2384-2** **abstract** **page** 4, **left-hand** column, **line 10 - page** 6, **left-hand column, line** 4; **figures** 1,2 ----- -/--	**1-15**

[X] Further documents are listed in the continuation of Box C. **D** See patent family annex.

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Date of the actual completion of the international search	Date of mailing of the international search report
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C(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category'	Citation of document with indication where appropriate of the relevant passages	Relevant Io claim No
X	**JONG-SOO KIM ET AL: "The study of the APIs design in the Internet application to** construct **a database server" ENTERPRISE NETWORKING AND COMPUTING IN HEALTHCARE** INDUSTRY, **2005. HEAL THCOM 2005. PROCEEDINGS OF 7TH INTERNATIONAL WORKSHOP ON** BUSAN, **SOUTH KOREA 23-25 JUNE** 2005, PISCATAWAY, NJ, USA, IEEE, US, **23 June 2005** (2005-06-23), **pages 335-338, XP010829659 ISBN: 978-0-7803-8940-3 abstract page 337, right-hand** column, **line** 1 **- page** 338, **right-hand** column, **line 9 ; figure 3** -----	1-15
A	**WILLIAM R COOK ET AL: "Web Services versus Distributed Objects: A Case Study** of Performance **and Interface Design" WEB SERVICES, 2006. ICWS '06. INTERNATIONAL CONFERENCE ON,** IEEE, PI, 1 **September 2006** (2006-09-01), **pages 419-426, XP031031583 ISBN: 978-0-7695-2669-0 abstract page** 5 , **right-hand** column, **line 6 - line 47** -----	1-15
L	**WYDAEGHE B ET AL: "Building an** OMT-editor **using design patterns: an experience** report" **TECHNOLOGY OF OBJECT-ORIENTED** LANGUAGES, **1998. TOOLS 26. PROCEEDINGS SANTA** BARBARA, CA, **USA 3-7 AUG.** 1998, **LOS** ALAMITOS, CA, USA, **IEEE COMPUT.** SOC, US, **3 August 1998** (1998-08-03), **pages** 20-32, **XP010299361 ISBN: 978-0-8186-8482-1 page** 28, **line 21 - page** 29, **line 5** -----	1-15
A	**CLARK D I ET AL:** "Application **level user interfaces for** various **media" TECHNOLOGY OF OBJECT-ORIENTED LANGUAGES AND** SYSTEMS, **1999. TOOLS 32. P ROCEEDINGS** MELBOURNE, VIC, **AUSTRALIA 22-25 NOV.** 1999, **LOS** ALAMITOS, **CA,** USA, **IEEE COMPUT.** SOC, US, **22** November **1999** (1999-11-22), **pages** 16-27, **XP010364805 ISBN: 978-0-7695-0462-9 page** 21, **line 4 - page** 26, **line 3** -----	1-15

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INTERNATIONAL SEARCH REPORT

International application No
PCT/EP2008/051616

C(Contfnuatlon). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
A	QUIANE RUIZ J A ET AL: "Design of a voiceXML gateway" COMPUTER SCIENCE, 2003. ENC 2003. PROCEEDINGS OF THE FOURTH MEXICAN IN TERNATIONAL CONFERENCE ON 8-12 SEPT. 2003, PISCATAWAY, NJ, USA, IEEE, 8 September 2003 (2003-09-08), pages 49-53, XP010658558 ISBN: 978-0-7695-1915-9 page 2, right-hand column, line 10 - page 4, right-hand column, line 14	1-15
A	LLAMBIRI D ET AL: "Effdent Iy distributing component-based applications across wide-area environments" PROCEEDINGS OF THE 23RD. INTERNATIONAL CONFERENCE ON DISTRIBUTED COMPUTING SYSTEMS. ICDCS 2003. PROVIDENCE, RI, MAY 19 - 22, 2003; [INTERNATIONAL CONFERENCE ON DISTRIBUTED COMPUTING SYSTEMS], LOS ALAMITOS, CA : IEEE COMP. SOC, US, vol. CONF. 23, 19 May 2003 (2003-05-19), pages 412-421, XP010642311 ISBN: 978-0-7695-1920-3 page 4, right-hand column, line 22 - page 5, right-hand column, line 19	1-15