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(62) Document number(s) of the earlier application(s) in
accordance with Art. 76 EPC:
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(54) **Pipeline architecture for use with net-centric application program architectures**

(57) A robust toolkit provides facilities that can be assembled in a modular manner to specify the fundamental architecture of a net-centric application. A bootstrapping process assembles various facilities within the architecture. A configuration facility defines an API for getting properties that can be defined in any number of different types of sources. A factory de-couples how a resource is produced from where the resource is used. A selector framework applies standard query language

to contexts other than querying a database. A pipeline architecture defines a model view controller-like framework for a processing pipeline. Selectors are used to specify when certain portions of a Web conversation should be made available to a user. An authorization facility associates permissions with a user to specify which portions of an application a user is authorized to use.

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	<p>GEARY D: "Apache Struts: a Web application framework" JAVA REPORT, SIGS PUBLICATIONS, NEW YORK, NY, US, November 2000 (2000-11), pages 1-5, XP002279161 ISSN: 1086-4660 * page 1, left-hand column, line 22 - line 31 * * page 2, left-hand column, last line - page 5, right-hand column, line 7 * -----</p>	1-4	<p>INV. G06F9/44 G06F9/46</p>
			<p>TECHNICAL FIELDS SEARCHED (IPC)</p>
			G06F
<p>The present search report has been drawn up for all claims</p>			
Place of search		Date of completion of the search	Examiner
Munich		25 August 2006	Müller, Tobias
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

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**CLAIMS INCURRING FEES**

The present European patent application comprised at the time of filing more than ten claims.

- Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims and for those claims for which claims fees have been paid, namely claim(s):
- No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims.

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

- All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.
- As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.
- Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:
- None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:

1-4



The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1-4

A pipeline architecture for a message-oriented context.

2. claims: 5-16

A bootstrapping process and the corresponding toolkits.

3. claims: 17-22

A method for processing Web requests.
