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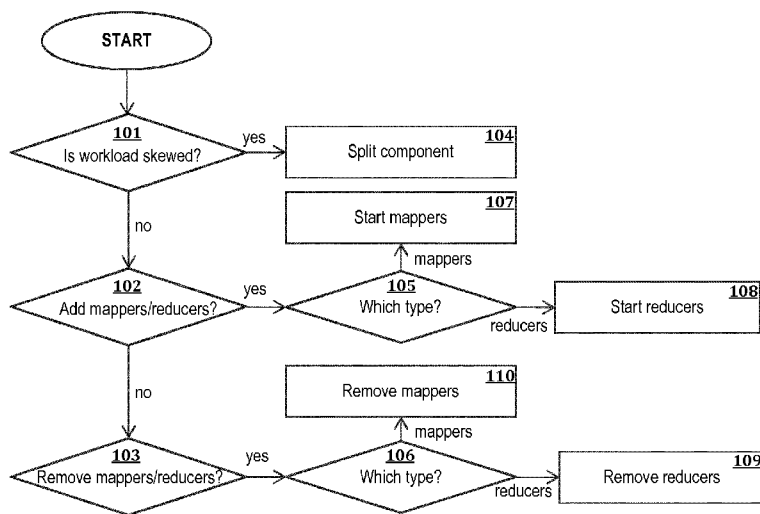
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(54) Title: ELASTIC EXECUTION OF CONTINUOUS MAPREDUCE JOBS OVER DATA STREAMS

Figure 1



(57) Abstract: There is provided a set of  
methods describing how to elastically  
change the resources used by a MapReduce  
job on streaming data while executing.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER  
INV. G06F9/50  
ADD.  
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B. FIELDS SEARCHED  
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Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
EPO-Internal, 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.
X	CRAIG CHAMBERS ET AL: "FlumeJava", PROCEEDINGS OF THE 2010 ACM SIGPLAN CONFERENCE ON PROGRAMMING LANGUAGE DESIGN AND IMPLEMENTATION, PLDI '10, 10 June 2010 (2010-06-10), page 363, XP055138996, New York, New York, USA DOI: 10.1145/1806596.1806638 ISBN: 978-1-45-030019-3 page 363, right-hand column, line 1 - page 364, left-hand column, line 9 Section 2. Background on MapReduce; page 364 Sections 4., 4.1 - 4.4; page 367, right-hand column - page 369, left-hand column ----- -/--	1-9

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>PAN WEI ET AL: "Evaluating Large Graph Processing in MapReduce Based on Message Passing", CHINESE JOURNAL OF COMPUTERS SCIENCE PRESS CHINA, vol. 34, no. 10, October 2011 (2011-10), pages 1768-1784, XP055139746, ISSN: 0254-4164, DOI: 10.3724/SP.J.1016.2011.01768 abstract page 1771; figure 1</p>	1-6
A	<p>----- US 2006/173856 A1 (JACKSON JERRY R [US] ET AL) 3 August 2006 (2006-08-03) paragraph [0016]; figure 5 paragraph [0017]; figure 6</p>	1-6,8,9
A	<p>----- US 8 056 079 B1 (MARTIN JOS [GB] ET AL) 8 November 2011 (2011-11-08) abstract; figure 3</p> <p>-----</p>	1-6,8,9

# 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 2006173856	A1	03-08-2006	US 2006173856 A1	03-08-2006
			WO 2006083901 A1	10-08-2006
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US 8056079	B1	08-11-2011	NONE	
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