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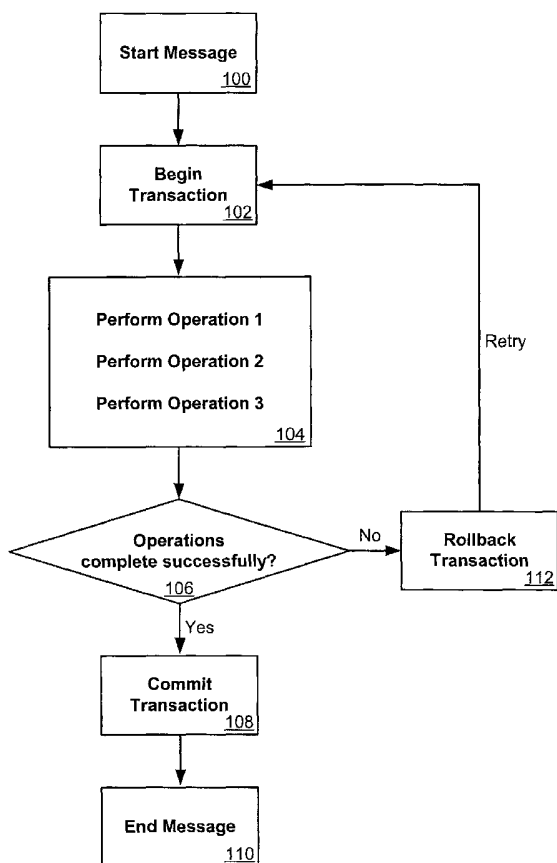
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(54) Title: SYSTEMS AND METHODS FOR TRANSACTION CHAINING



(57) Abstract: A transaction management engine, such as a business process management (BPM) engine, can allow an application to define transaction demarcations in order to ensure that portions of a workflow are processed atomically (104). In one such system, a JMS message is queued to the workflow as part of an existing transaction (100). If that transaction commits (106), the queued JMS message ensures that the workflow will be invoked in a new transaction that allows the workflow to perform the next unit of work in the newly initiated transaction (108). When the unit of work is completed, the workflow queues another JMS message. If this transaction commits, the transaction ensures the unit of work has executed in a transaction. When the workflow is invoked again due to the second JMS message, the workflow can continue its operation in a different transaction. This description is not intended to be a complete description of, or limit the scope of, the invention. Other features, aspects, and objects of the invention can be obtained from a review of the specification, the figures, and the claims.

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A. CLASSIFICATION OF SUBJECT MATTER

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US CL : 718/101

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)

U.S. : 718/101

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 practicable, search terms used)
East

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y, P	US 6,009,405 (Leymann et al.) 28 December 1999, abstract, figs. 1, 4 and 5, col. 1, lines 42 - 67, col. 5, lines 55 - 67, col. 6, lines 9 - 34, col. 7, lines 35 - 51, col. 9, lines 1 - 48, col. 10, lines 10 - 30, 37 - 47, col. 13, lines 40 - 67, col. 15, lines 2 - 37.	1 - 9
A	US Pat. Application Publication 2004/0019684 A1 (Petter et al.) 29 June 2004, abstract and figs 1 - 2.	1 - 9

☐ Further documents are listed in the continuation of Box C.☐ See patent family annex.

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