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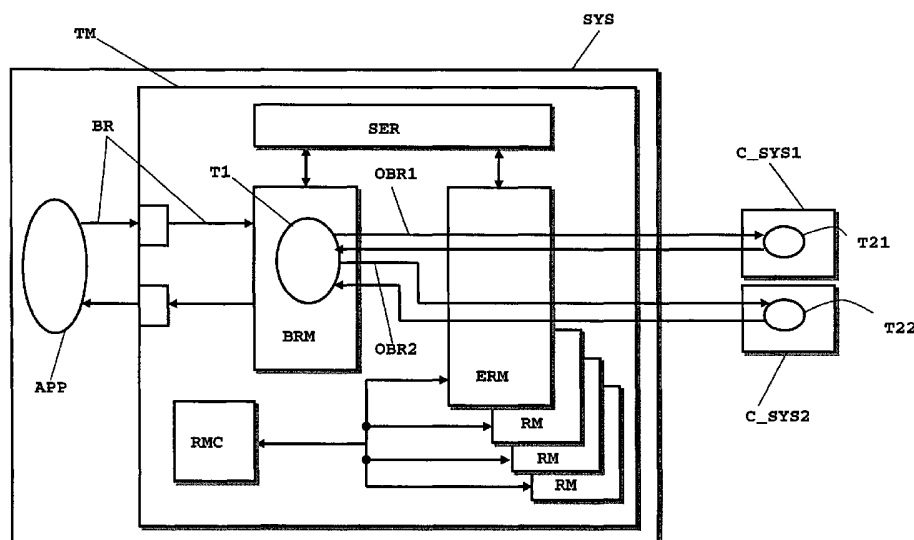
**Declaration under Rule 4.17:**

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— *of inventorship (Rule 4.17(iv)) for US only*

*[Continued on next page]*

**(54) Title:** A DATA PROCESSING SYSTEM ADAPTED TO INTEGRATING NON-HOMOGENEOUS PROCESSES



**(57) Abstract:** A data processing system comprises at least one resource manager (RM) for managing changes to respective system resources in accordance to a commit/backout protocol, and a resource manager coordinator (RMC) for coordinating the commit/backout activities of the at least one resource manager. A process resource manager (ERM) is provided, coordinated by the resource manager coordinator according to the commit/backout protocol, for managing the execution of non-compliant processes not complying with the commit/backout protocol. The process resource manager automatically determines, upon receipt of a backout request, a sequence of compensation actions to be performed to backout actions performed during the execution of the secondary non-compliant processes, and managing the execution of said compensation actions.



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A. CLASSIFICATION OF SUBJECT MATTER  
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## 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, WPI Data, INSPEC, COMPENDEX, IBM-TDB

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 969 363 A (MICROSOFT CORP) 5 January 2000 (2000-01-05)  column 2, paragraph 6 column 3, paragraph 9 column 3, paragraph 10 column 4, paragraph 13 column 12, paragraph 37 column 12, paragraph 39 column 13, paragraph 40 column 15, paragraph 47 column 15, paragraph 48 column 27, paragraph 95	1-7, 11, 15, 20, 22-24
Y	----- -/--	8-10, 12-14, 16-19

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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## INTERNATIONAL SEARCH REPORT

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Information on patent family members

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