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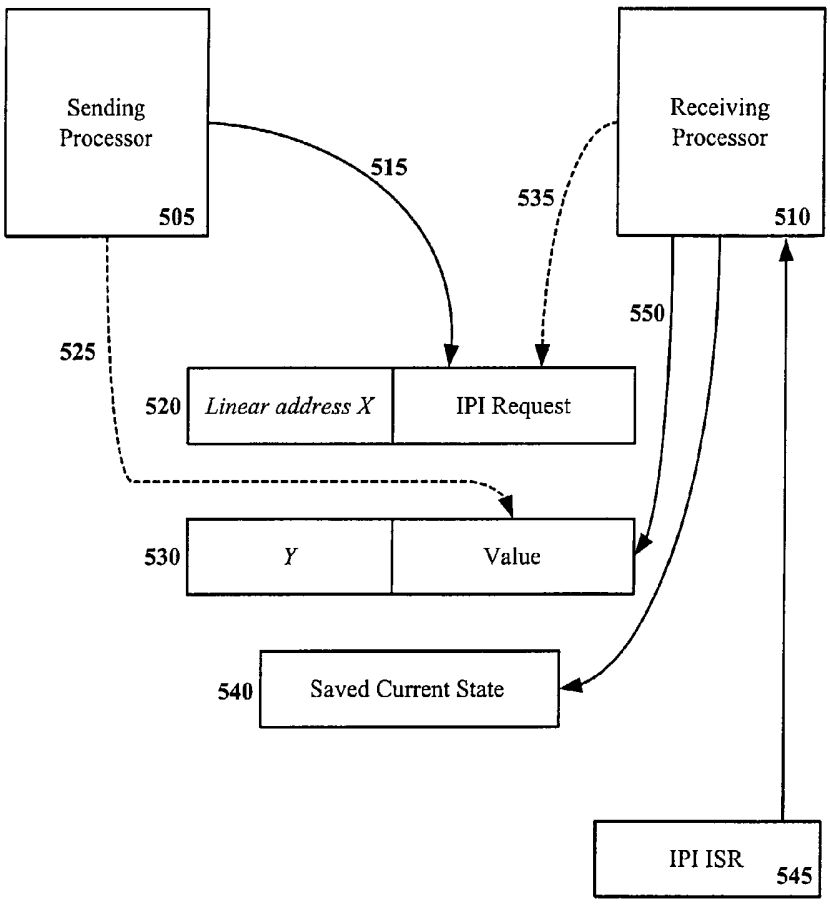
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(54) Title: INTER-PROCESSSOR INTERRUPTS



(57) Abstract: According to an embodiment of the invention, a method and apparatus for inter-processor interrupts in a multi-processor system are described. An embodiment comprises writing an inter-processor interrupt request to a first memory location; monitoring the first memory location; detecting the inter-processor interrupt request in the first memory location; calling a function for the inter-processor interrupt request; and performing the function for the inter-processor interrupt request.

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A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G06F9/48 G06F9/54 G06F15/167

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)
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, IBM-TDB, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 136 714 A (BRAUDAWAY ET AL) 4 August 1992 (1992-08-04) column 1, line 37 - line 51 column 3, line 32 - line 44 column 5, line 39 - line 53	1-30
A	SILBERSCHATZ A ET AL: "Operating System Concepts - Fourth Edition" OPERATING SYSTEM CONCEPTS, XX, XX, no. ed4, 1994, pages 23-35, XP002328940 page 31, line 6 - line 9	1-30

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[X] Further documents are listed in the continuation of box C.

[X] Patent family members are listed in annex.

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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	KATSUKI D ET AL: "Pluribus-an operational fault-tolerant multiprocessor" PROCEEDINGS OF THE IEEE USA, vol. 66, no. 10, October 1978 (1978-10), pages 1146-1159, XP002344146 ISSN: 0018-9219 page 1149, left-hand column, line 25 - page 1151, right-hand column, line 4; figures 5,6	1-30
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A	US 5 123 094 A (MACDOUGALL ET AL) 16 June 1992 (1992-06-16) column 1, line 49 - line 64 column 2, line 25 - line 40 column 2, line 49 - line 57 column 6, line 61 - column 7, line 3; figures 5,6 column 8, line 6 - column 9, line 7 column 9, line 41 - line 50	1-30

INTERNATIONAL SEARCH REPORT

Information on patent family members

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