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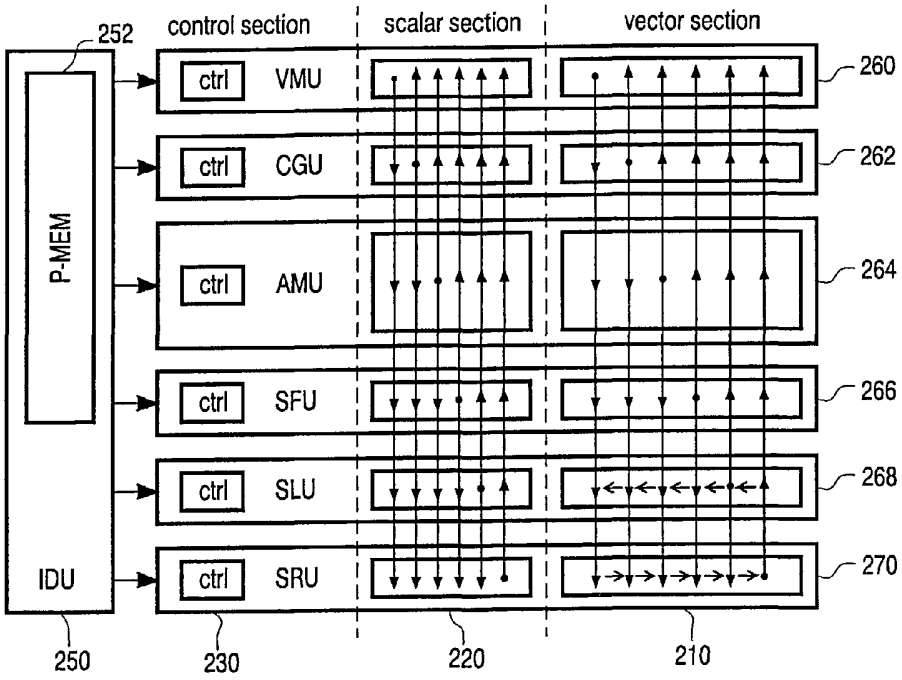
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[Continued on next page]

(54) Title: A SCALAR/VECTOR PROCESSOR



(57) Abstract: A scalar/vector processor includes a plurality of functional units (252, 260, 262, 264, 266, 268, 270). At least one of the functional units includes a vector section (210) for operating on at least one vector and a scalar section (220) for operating on at least one scalar. The vector section and scalar section of the functional unit co-operate by the scalar section being arranged to provide and/or consume at least one scalar required by and/or supplied by the vector section of the functional unit.

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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)
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C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 745 721 A (BLEWETT RICHARD G ET AL) 28 April 1998 (1998-04-28) abstract column 2, line 64 - column 3, line 23 column 9, line 65 - column 10, line 7 column 10, line 45 - line 57	1-5
A		9
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A	abstract	9
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A	column 35, line 19 - line 26 column 49, line 27 - line 57	9

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