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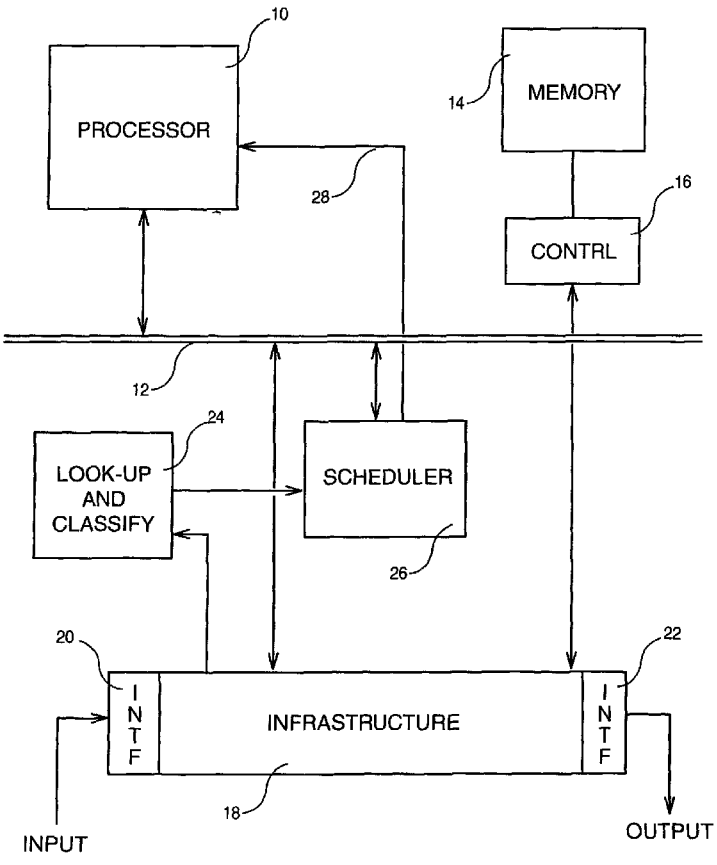
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(54) Title: METHOD OF PREFETCHING DATA/INSTRUCTIONS RELATED TO EXTERNALLY TRIGGERED EVENTS



(57) Abstract: Method of prefetching data /instructions related to externally triggered events in a system including an infrastructure (18) having an input interface (20) for receiving data/ instructions to be handled by the infrastructure and an output interface (22) for transmitting data after they have been handled, a memory (14) for storing data/instructions when they are received by input interface, a processor (10) for processing at least some data/instructions, the processor having a cache wherein the data/instructions are stored before being processed, and an external source (26) for assigning sequential tasks to the processor. The method comprises the following steps which are performed while the processor is performing a previous task: determining the location in the memory of data/ instructions to be processed by the processor, indicating to the cache the addresses of these memory locations, fetching the contents of the memory locations and writing them into the cache, and assigning the task of processing the data/instructions to the processor.

WO 03/075154 A2

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