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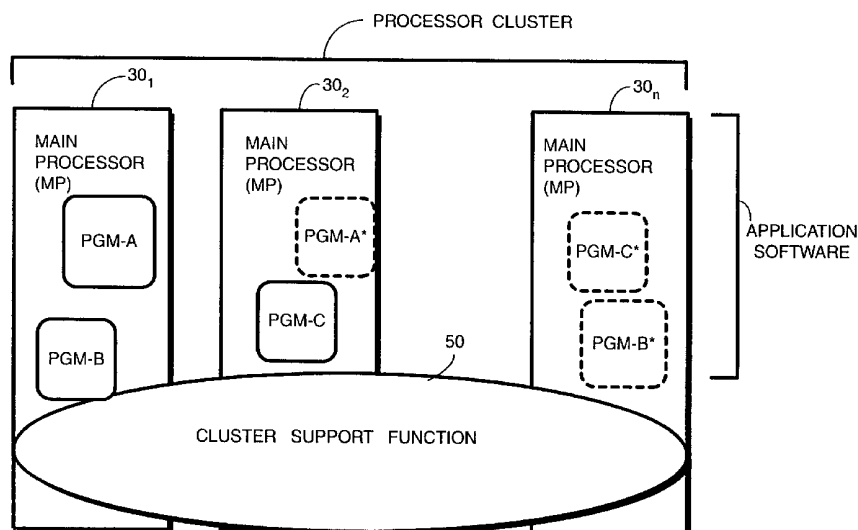
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(54) Title: TELECOMMUNICATIONS PLATFORM WITH PROCESSOR CLUSTER AND METHOD OF OPERATION THEREOF



(57) Abstract: A telecommunications platform (20) comprises a cluster (32) of processors (30) which perform a platform central processing function. The platform central processing function includes a cluster support function (50) which is distributed to the cluster of processors. For sake of redundancy, programs (PGMs) are distributed throughout the cluster so that at least some of the processors of the cluster have active versions of at least some of the programs and standby versions of others of the programs, e.g., an intermixing of assignments of active and standby versions of programs. Moreover, programs and programs comprising them can be loaded, started, shutdown, stopped, and upgraded without terminating overall operation the platform. In its various aspects, the cluster support function (50) includes a state storage system (200) and a name server system (300) for facilitating restart and switch over of programs and programs executed by processors of the cluster.



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B. FIELDS SEARCHED

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Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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