Title (en)
COMPUTER MICRO-JOBS

Title (de)
COMPUTER-MIKRO-JOBS

Title (fr)
MICRO-TRAVAUX INFORMATIQUES

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Application
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Abstract (en)
[origin: WO2007149228A1] Computer micro-jobs are disclosed. A computer job is divided into micro-jobs. In one embodiment, the micro-jobs have a size that allows a particular micro-job to complete within an allotted time for which the particular micro-job owns a resource used to execute the micro-job. In one embodiment, the allotted time is a quantum. In one embodiment, an entire computer job is divided into micro-jobs and the computer job is then executed micro-job by micro-job until the entire computer job is complete. Each of the micro-jobs may complete its execution within its quantum, in one embodiment. In one embodiment, the execution of the micro-jobs is allocated to times when needed resources comply with one or more idleness criteria. A software program executed with micro-jobs may be run at all times while the computer is powered up without impacting the performance of other software programs running on the same computer system.

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