

Title (en)
APPLICATION SYSTEM INTELLIGENT OPTIMIZER

Title (de)
INTELLIGENTER OPTIMIERER EINES ANWENDUNGSSYSTEMS

Title (fr)
OPTIMISEUR INTELLIGENT POUR SYSTEMES D'APPLICATIONS

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Application
EP 06763065 A 20060428

Priority

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Abstract (en)
[origin: WO2007017296A1] According to the invention there is provided a management system which defines and applies a federated set of actions, resulting from the combination of input data gathered from the different components, including applications data, such as workload and response time, and infrastructures data, such as system CPU, memory and I/O. The data gathered results into a self-optimized application system, through actions taken at the following different levels, in a logical order from simplest to more complex. A first level of optimization concerns application such as job priorities and job reorganization. A second level of optimization concerns system, within a predefined and assigned set of resource. A third level of optimization concerns the global architecture, by extending the resource allocated to the applications from a shared pool and adding resource dynamically to the application system infrastructure, according to needs.

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