

Title (en)  
CONSTRUCTING A COMPONENT MANAGEMENT DATABASE FOR MANAGING ROLES USING A DIRECTED GRAPH

Title (de)  
AUFBAU EINER KOMPONENTEN-MANAGEMENT-DATENBANK ZUR VERWALTUNG VON ROLLEN UNTER VERWENDUNG EINES GERICHTETEN GRAPHEN

Title (fr)  
ELABORATION D'UNE BASE DE DONNEES DE GESTION DE COMPOSANTS POUR GERER DES ROLES A L'AIDE DE GRAPHES ORIENTES

Publication  
**EP 1287445 A4 20030813 (EN)**

Application  
**EP 01924615 A 20010402**

Priority  
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Abstract (en)  
[origin: WO0175677A1] A system and method of monitoring and controlling a variety of hardware and software components in both a computer system and in a linked set of multiple computer systems (70, 72, 74). The components are imbued with methods that allow them to communicate with a component management database [figure 1 and 14] that in turn is used by a configuration manager [40]. The components can describe their parameters, their relationships with other components, and their performance metrics. With this information the configuration manager can monitor and control these components to maximize the availability of the system or the network.

IPC 1-7  
**G06F 17/30**; **H04L 12/24**; **H04Q 3/00**

IPC 8 full level  
**G06F 11/30** (2006.01); **G06F 9/00** (2006.01); **H04L 12/24** (2006.01)

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**H04L 41/024** (2013.01); **H04L 41/0853** (2013.01); **H04L 41/0856** (2013.01); **H04L 41/30** (2013.01); **H04L 41/5009** (2013.01)

Citation (search report)  
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• See references of WO 0175677A1

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