Title (en)
SYSTEM AND METHOD OF DYNAMICALLY PARTITIONING COMPUTERS AT RUNTIME

Title (de)
SYSTEM UND VERFAHREN ZUR DYNAMISCHEN PARTITIONIERUNG VON COMPUTERN WÄHREND DER LAUFZEIT

Title (fr)
SYSTÈME ET PROCÉDÉ DE PARTITIONNEMENT DYNAMIQUE D'ORDINATEURS À L'EXÉCUTION

Publication
EP 4323868 A1 20240221 (EN)

Application
EP 21723713 A 20210504

Priority
EP 2021061688 W 20210504

Abstract (en)
[origin: WO2022233399A1] A computer comprises a controller, and a hardware resource set comprises a plurality of hardware resources. The controller is configured to receive an indication of a first workload and a second workload. The computer is further configured to generate a first partition of the computer by assigning a first subset of hardware resources to the first workload and generate a second partition of the computer by assigning a second subset of hardware resources to the second workload. The computer executes the first workload in the first partition on the assigned first subset of hardware resources and executes the second workload in the second partition on the assigned second subset of hardware resources. The first subset and the second subset of hardware resources are smaller than the hardware resource set. The controller provides dynamic partitioning of the computer and reduces overheads and performance penalties.

IPC 8 full level
G06F 9/50 (2006.01)

CPC (source: EP)
G06F 9/505 (2013.01); **G06F 9/5061** (2013.01); G06F 2209/5011 (2013.01)

Citation (search report)
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