Title (en)
METHOD AND SYSTEM FOR THE VIRTUALIZED STORAGE OF A DIGITAL DATA SET

Title (de)
VERFAHREN UND SYSTEM ZUR VIRTUALISIERTEN SPEICHERUNG EINES DIGITALEN DATENSATZES

Title (fr)
PROCÉDÉ ET SYSTEME DE STOCKAGE VIRTUALISÉ D'UN ENSEMBLE DE DONNÉES NUMERIQUES

Publication
EP 2353076 A1 20110810 (FR)

Application
EP 09768165 A 20091110

Priority
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Abstract (en)
[origin: WO2010052440A1] This method of virtualized storage of a digital data set (40) in a computing system comprising several interconnected hardware storage resources (5O1, 5O2, 5O3, 521, 522, 541, 542, 543, 544) comprises the generation of a set of virtual storage spaces of first level (50, 52, 54), in which each virtual space is associated with part of the hardware storage resources and with characteristic parameters. It comprises the following steps: creation of a virtual storage space of second level (44) associated with a service class (46) parameterized as a function of storage constraints (42) for the data set (40) and assignment of this virtual storage space (44) to the data set (40); selection of at least one virtual storage space of first level (50, 52, 54) by comparing the service class (46) of the virtual storage space of second level with the characteristic parameters of each virtual storage space of first level; storage of the data set (40) in the hardware resources associated with the virtual storage space of first level selected.

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G06F 3/0607 (2013.01 - EP US); **G06F 3/0631** (2013.01 - EP US); **G06F 3/0665** (2013.01 - EP US); **G06F 3/067** (2013.01 - EP US)

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