

Title (en)

METHOD AND APPARATUS FOR STORING AND ACCESSING DATA IN COMPUTER SYSTEMS

Title (de)

VERFAHREN UND VORRICHTUNG ZUM SPEICHERN UND ZUGREIFEN AUF DATEN IN COMPUTERSYSTEMEN

Title (fr)

PROCEDE ET DISPOSITIF DE STOCKAGE ET D'ACCES AUX DONNEES DANS DES SYSTEMES INFORMATIQUES

Publication

EP 1287426 A1 20030305 (EN)

Application

EP 01934986 A 20010501

Priority

- US 0114138 W 20010501
- US 56205100 A 20000501

Abstract (en)

[origin: WO0184298A1] Improved techniques for storing and accessing data in computer systems (200) are provided. A data packing module (202) suitable for packing data and storing it on a data record (204) is disclosed. The data packing module can store data objects of various types and sizes on the data record. In addition to data associated with each data object, various relationships between data objects can be stored on the data record by the data packing module. A data unpacking module suitable for unpacking data stored on a data record is also disclosed. The data unpacking module can be used to access data associated with data objects as well as various other information stored on the data record. A data accessing interface can be provided to enable access to data stored on the data record. For example, the data accessing interface can be implemented to provide the ability to read data and traverse the data record in both forward and backward directions.

IPC 1-7

G06F 7/00; G06F 17/00; G06F 17/30; G06F 12/00

IPC 8 full level

G06F 17/30 (2006.01)

CPC (source: EP)

G06F 16/289 (2018.12)

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

WO 0184298 A1 20011108; AU 6112301 A 20011112; EP 1287426 A1 20030305; EP 1287426 A4 20070321

DOCDB simple family (application)

US 0114138 W 20010501; AU 6112301 A 20010501; EP 01934986 A 20010501