

Title (en)
A METHOD AND PROCESS FOR ENABLING DISTRIBUTING CACHE DATA SOURCES FOR QUERY PROCESSING AND DISTRIBUTED DISK CACHING OF LARGE DATA AND ANALYSIS REQUESTS

Title (de)
VERFAHREN UND PROZESS ZUR AKTIVIERUNG DER VERTEILUNG VON CACHE-DATENQUELLEN ZUR ABFRAGEVERARBEITUNG UND VERTEILTE PLATTENZWISCHENSPEICHERUNG VON GROSSEN DATEN- UND ANALYSEANFRAGEN

Title (fr)
PROCÉDÉ ET PROCESSUS POUR PERMETTRE DE DISTRIBUER DES SOURCES DE DONNÉES DE CACHE POUR TRAITEMENT DE REQUÊTE ET MISE EN CACHE DISQUE DISTRIBUÉ DE GRANDES DONNÉES ET REQUÊTES D'ANALYSE

Publication
EP 2873008 A4 20160629 (EN)

Application
EP 13819950 A 20130716

Priority

- US 201261672028 P 20120716
- US 2013050673 W 20130716

Abstract (en)
[origin: WO2014014906A2] A method and system for large data and distributed disk cache processing in a Pneuron platform (100). The system and method include three specific interoperable but distributed functions: the adapter/cache Pneuron (14) and distributed disk files (34), a dynamic memory mapping tree (50), and distributed disk file cleanup (28). The system allows for large data processing considerations and the ability to access and acquire information from large data files (102) and rapidly distribute and provide the information to subsequent Pneurons (104) for processing. The system also provides the ability to store large result sets, the ability to deal with sequential as well as asynchronous parallel processing, the ability to address large unstructured data; web logs, email, web pages, etc., as well as the ability to handle failures to large block processing.

IPC 8 full level
G06F 17/30 (2006.01); **G06F 12/08** (2006.01); **G06F 12/12** (2006.01)

CPC (source: EP)
G06F 12/123 (2013.01); **G06F 16/172** (2018.12); **G06F 16/254** (2018.12); **G06F 12/0866** (2013.01); **G06F 2212/463** (2013.01)

Citation (search report)

- [I] US 2011145363 A1 20110616 - ANANTHANARAYANAN RAJAGOPOL [US], et al
- [A] US 7689599 B1 20100330 - SHAH AALOP [IN], et al
- [I] RIT SCHOLAR WORKS ET AL: "Rochester Institute of Technology Hadoop-cc (collaborative caching) in real time HDFS", 12 January 2012 (2012-01-12), XP055271290, Retrieved from the Internet <URL:http://scholarworks.rit.edu/cgi/viewcontent.cgi?article=6524&context=theses> [retrieved on 20160509]
- See references of WO 2014014906A2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2014014906 A2 20140123; WO 2014014906 A3 20140530; WO 2014014906 A8 20140410; CA 2918472 A1 20140123; CA 2918472 C 20180529; EP 2873008 A2 20150520; EP 2873008 A4 20160629; IL 236764 A0 20150331

DOCDB simple family (application)
US 2013050673 W 20130716; CA 2918472 A 20130716; EP 13819950 A 20130716; IL 23676415 A 20150118