

Title (en)
COMPUTER-IMPLEMENTED METHOD FOR STORING DATA USING A DISTRIBUTED TRANSACTION DATABASE, COMPUTER PROGRAM PRODUCT, AND NETWORK

Title (de)
COMPUTERIMPLEMENTIERTES VERFAHREN ZUR SPEICHERUNG VON DATEN MITTELS EINER VERTEILTEN TRANSAKTIONS DATENBANK, COMPUTERPROGRAMMPRODUKT UND NETZWERK

Title (fr)
PROCÉDÉ MIS EN OEUVRE PAR ORDINATEUR POUR STOCKER DES DONNÉES À L'AIDE D'UNE BASE DE DONNÉES DE TRANSACTIONS DISTRIBUÉES, PRODUIT PROGRAMME INFORMATIQUE ET RÉSEAU

Publication
EP 4127976 A1 20230208 (DE)

Application
EP 21731695 A 20210526

Priority
• EP 20177465 A 20200529
• EP 2021064031 W 20210526

Abstract (en)
[origin: WO2021239801A1] In a computer-implemented method for storing data in a network of linked computing units (10, 20, 30, 40, 50, 60) using a distributed transaction database (GDB), a distributed transaction database (GDB) in the form of a distributed graph database formed using nodes is used, and data is stored in at least one node (N) of the graph database, wherein the node (N) is stored using a real sub-quantity of the computing units (10, 20, 30, 40, 50, 60) of the network. The computer program product can be loaded directly into a storage device of an electronic computing unit (10, 20, 30, 40, 50, 60) and has program means in order to carry out the steps of the method when the program is ran in a computing unit. The network of linked computing units (10, 20, 30, 40, 50, 60) stores a distributed transaction database (GDB) in the form of a distributed graph database comprising nodes (N) in which data is stored according to such a method.

IPC 8 full level
G06F 16/901 (2006.01); **G06F 21/64** (2006.01); **H04L 9/32** (2006.01)

CPC (source: EP US)
G06F 16/25 (2018.12 - US); **G06F 16/27** (2018.12 - US); **G06F 16/9024** (2018.12 - EP); **G06F 21/64** (2013.01 - EP); **H04L 9/3239** (2013.01 - EP); **H04L 9/50** (2022.05 - EP); **H04L 63/00** (2013.01 - EP)

Citation (search report)
See references of WO 2021239801A1

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

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
EP 3916581 A1 20211201; EP 4127976 A1 20230208; US 2023214404 A1 20230706; WO 2021239801 A1 20211202

DOCDB simple family (application)
EP 20177465 A 20200529; EP 2021064031 W 20210526; EP 21731695 A 20210526; US 202117927981 A 20210526