

Title (en)

COMPUTER-IMPLEMENTED TRACKING MECHANISM AND DATA MANAGEMENT

Title (de)

COMPUTERIMPLEMENTIERTER VERFOLGUNGSMECHANISMUS UND DATENMANAGEMENT

Title (fr)

MÉCANISME DE SUIVI MIS EN OEUVRE PAR ORDINATEUR ET GESTION DE DONNÉES

Publication

EP 3295388 A1 20180321 (EN)

Application

EP 16725846 A 20160527

Priority

- US 201514726315 A 20150529
- US 201514726333 A 20150529
- EP 2016062034 W 20160527

Abstract (en)

[origin: WO2016193156A1] A computer system for tracking assets comprises an asset tracking system, a digital identity system and a computer interface. The asset tracking system comprises electronic storage and a profile manager. The electronic storage of the asset tracking system holds an initial profile of an asset in association with an asset identifier of the asset. The digital identity system comprises a profile manager and electronic storage configured to hold profiles of entities. The computer interface is configured to receive asset transfer notifications. Each asset transfer notification identifies the asset and a respective entity participating in a transfer of the asset. The profile manager of the asset tracking system is configured to, each time an asset transfer notification is received, create in the electronic storage a new profile of the asset comprising an identifier of the respective participating entity. The new profile of the asset is stored in association with the asset identifier.

IPC 8 full level

G06Q 10/02 (2012.01); **G06Q 10/08** (2012.01)

CPC (source: EP)

G06Q 10/02 (2013.01); **G06Q 10/08** (2013.01)

Citation (examination)

- ANONYMOUS: "Merkle tree", 3 May 2015 (2015-05-03), pages 1 - 4, XP055510387, Retrieved from the Internet <URL:https://en.wikipedia.org/w/index.php?title=Merkle_tree&oldid=660564332> [retrieved on 20180927]
- WILLIAM MOUGAYAR: "Understanding the blockchain", 16 January 2015 (2015-01-16), pages 1 - 17, XP055510516, Retrieved from the Internet <URL:https://www.oreilly.com/ideas/understanding-the-blockchain> [retrieved on 20180927]
- KARIAPPA BHEEMAIHAH: "Block Chain 2.0: The Renaissance of Money", 1 January 2015 (2015-01-01), XP055349987, Retrieved from the Internet <URL:https://www.wired.com/insights/2015/01/block-chain-2-0/> [retrieved on 20170228]
- VITALIK BUTERIN: "A Next-Generation Smart Contract and Decentralized Application Platform", INTERNET CITATION, 24 November 2014 (2014-11-24), XP002776023, Retrieved from the Internet <URL:https://github.com/ethereum/wiki/wiki/White-Paper/d447d50ed60b243310684740c186490dda97d1c5> [retrieved on 20171110]
- See also references of WO 2016193156A1

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)

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DOCDB simple family (application)

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