Title (en)
SECURING AN ITEM OF DEVICE USE INFORMATION OF A DEVICE

Title (de)
ABSICHERN EINER GERÄTENUTZUNGSINFORMATION EINES GERÄTES

Title (fr)
SÉCURISATION DES INFORMATIONS CONCERNANT L'UTILISATION DE L'APPAREIL D'UN APPAREIL

Publication
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Application
EP 17737533 A 20170704

Priority
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Abstract (en)
[origin: WO2018036700A1] The invention relates to a method for securing an item of device use information of a device, having the following steps:
- determining the item of device use information; - generating transaction data depending on the item of device use information; - generating a
blockchain data structure which is based on a cryptocurrency and comprises the transaction data or a checksum of the transaction data; - sending
the generated blockchain data structure to at least one blockchain node. The item of device use information of a device according to the described
method is change-protected by a decentralised security structure. Thanks to the distributed blockchain database, the item of device use information
of the device cannot be manipulated subsequently. The use of the decentralised blockchain technology also advantageously means that no central
trusted point or party is necessary. In particular, a central party issuing trusted keys to protect the device use data is not necessary. The item of
device use information can be checked by a third party at any time, even a long time after the block was created. Manipulation of use data, for
example mileage manipulation, is thus prevented in an established blockchain network.

IPC 8 full level
H04L 9/32 (2006.01)

CPC (source: EP KR US)
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