

Title (en)

METHOD AND SYSTEM FOR HIGHLY SECURED NETWORK COMMUNICATION

Title (de)

VERFAHREN UND SYSTEM ZUR HOCHGESICHERTEN NETZWERKKOMMUNIKATION

Title (fr)

PROCÉDÉ ET SYSTÈME POUR COMMUNICATION EN RÉSEAU FORTEMENT SÉCURISÉE

Publication

EP 3980945 A4 20230816 (EN)

Application

EP 21766559 A 20210628

Priority

- US 202016996869 A 20200818
- US 2021039445 W 20210628

Abstract (en)

[origin: WO2022039836A1] Systems and methods for secure network communications of data are presented. Source data is provided. The source data is encrypted to produce encrypted data and key data corresponding to the encrypted data. The key data is transmitted from a first network location to a second network location. Successful transmission of the key data to the second location is verified, and upon verification, the encrypted data is transmitted from the first network location to the second network location. Successful transmission of the encrypted data to the second location is verified, and upon verification, the encrypted data is decrypted with the key data to provide a data output.

IPC 8 full level

G06N 10/00 (2022.01); **H04L 9/06** (2006.01); **H04L 9/08** (2006.01); **H04L 9/40** (2022.01)

CPC (source: EP)

H04L 9/0656 (2013.01); **H04L 9/0852** (2013.01)

Citation (search report)

- [X] US 2018309571 A1 20181025 - ARORA ASHISH [US]
- [X] WO 2013048674 A1 20130404 - LOS ALAMOS NAT SECURITY LLC [US], et al
- [A] US 2016285629 A1 20160929 - TANIZAWA YOSHIMICHI [JP]
- [A] US 2016269177 A1 20160915 - TANIZAWA YOSHIMICHI [JP]
- See also references of WO 2022039836A1

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)

WO 2022039836 A1 20220224; CA 3130274 A1 20220218; CA 3130274 C 20230801; CN 114450917 A 20220506; CN 114450917 B 20240510; EP 3980945 A1 20220413; EP 3980945 A4 20230816

DOCDB simple family (application)

US 2021039445 W 20210628; CA 3130274 A 20210628; CN 202180003836 A 20210628; EP 21766559 A 20210628