

Title (en)

TRANSMISSION DEVICE FOR TRANSMITTING DATA

Title (de)

ÜBERTRAGUNGSVORRICHTUNG ZUM ÜBERTRAGEN VON DATEN

Title (fr)

DISPOSITIF DE TRANSMISSION POUR LA TRANSMISSION DE DONNÉES

Publication

EP 4052440 A1 20220907 (DE)

Application

EP 20828978 A 20201210

Priority

- DE 102019220246 A 20191219
- EP 2020085508 W 20201210

Abstract (en)

[origin: WO2021122298A1] Proposed is a transmission device for transmitting data between a real first network and a real second network. The transmission device has a first network port for coupling to the real first network and a second network port for coupling to the real second network and also comprises: a simulation unit which is connected to the first network port and which is configured to receive network-specific data from the real first network via the first network port, to provide, in accordance with the received network-specific data, a virtual simulation network of the real first network, and to prepare the provided virtual simulation network, via the second network port, for access to said provided virtual simulation network by the real second network. The transmission device provided allows an attacker to be deliberately deceived, which advantageously increases security against attempts to access the real first network from the real second network.

CPC (source: EP US)

H04L 41/145 (2013.01 - EP); **H04L 63/0209** (2013.01 - EP US); **H04L 63/1433** (2013.01 - EP); **H04L 63/1441** (2013.01 - US); **H04L 67/08** (2013.01 - EP); **H04L 67/12** (2013.01 - EP)

Citation (search report)

See references of WO 2021122298A1

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

DOCDB simple family (publication)

DE 102019220246 A1 20210624; AU 2020403757 A1 20220714; AU 2020403757 B2 20230831; CN 114766087 A 20220719; EP 4052440 A1 20220907; US 2023051229 A1 20230216; WO 2021122298 A1 20210624

DOCDB simple family (application)

DE 102019220246 A 20191219; AU 2020403757 A 20201210; CN 202080087774 A 20201210; EP 2020085508 W 20201210; EP 20828978 A 20201210; US 202017783342 A 20201210