

Title (en)
VIRTUAL NETWORK DEVICE

Title (de)
VIRTUELLE NETZWERKVORRICHTUNG

Title (fr)
DISPOSITIF DE RÉSEAU VIRTUEL

Publication
EP 4147395 A4 20240501 (EN)

Application
EP 21799925 A 20210310

Priority
• US 202016868345 A 20200506
• CN 2021079987 W 20210310

Abstract (en)
[origin: WO2021223510A1] A virtual network device (100) utilizes a number of transmit virtual ports (vPORTa) and a virtual switch (214) to convert a number of transmit network physical port (216) into a larger number, and a number of receive virtual ports (vPORTb) and a virtual switch (612) to convert a number of receive network physical port (610) into a larger number.

IPC 8 full level
H04L 1/00 (2006.01)

CPC (source: EP KR)
H04L 45/50 (2013.01 - KR); **H04L 49/103** (2013.01 - KR); **H04L 49/111** (2022.05 - KR); **H04L 49/25** (2013.01 - KR); **H04L 49/70** (2013.01 - KR); **H04N 21/4108** (2013.01 - EP); **H04N 21/4347** (2013.01 - EP); **H04N 21/4363** (2013.01 - EP); **H04N 21/64707** (2013.01 - EP)

Citation (search report)
• [A] WO 2013139159 A1 20130926 - HUAWEI TECH CO LTD [CN]
• [A] US 9590820 B1 20170307 - SHUKLA AMIT [US]
• [A] US 2014086253 A1 20140327 - YONG LUCY [US]
• See also references of WO 2021223510A1

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

DOCDB simple family (publication)
WO 2021223510 A1 20211111; AU 2021268768 A1 20221117; AU 2021268768 B2 20231123; AU 2024201137 A1 20240314; BR 112022021767 A2 20221213; CN 115552819 A 20221230; CN 115552819 B 20240702; CO 2022015545 A2 20221108; EP 4147395 A1 20230315; EP 4147395 A4 20240501; JP 2023523915 A 20230608; KR 20230006486 A 20230110

DOCDB simple family (application)
CN 2021079987 W 20210310; AU 2021268768 A 20210310; AU 2024201137 A 20240221; BR 112022021767 A 20210310; CN 202180033164 A 20210310; CO 2022015545 A 20221029; EP 21799925 A 20210310; JP 2022563954 A 20210310; KR 20227038575 A 20210310