

Title (en)
VIRTUAL NETWORK

Title (de)
VIRTUELLES NETZWERK

Title (fr)
RÉSEAU VIRTUEL

Publication
EP 4150865 A4 20240515 (EN)

Application
EP 21804968 A 20210430

Priority
• US 202016872153 A 20200511
• CN 2021091693 W 20210430

Abstract (en)
[origin: WO2021227905A1] A virtual network (100) includes a virtual entry device (110/200), a virtual exit device (112/600/800), and a communication channel (114) that couples the virtual entry device (110/200) to the virtual exit device (112/600/800) in a web that lies between and interconnects a local router/switch (120) with a remote router/switch (122), where the virtual entry device (110/200) and the virtual exit device (112/600/800) have static forwarding tables which provide substantially improved performance.

IPC 8 full level
H04L 12/46 (2006.01); **H04L 45/50** (2022.01); **H04L 45/74** (2022.01)

CPC (source: EP KR)
H04L 12/4633 (2013.01 - EP KR); **H04L 12/4645** (2013.01 - EP KR); **H04L 45/50** (2013.01 - EP KR); **H04L 45/74** (2013.01 - EP KR)

Citation (search report)
• [I] US 2008172497 A1 20080717 - MOHAN DINESH [CA], et al
• [I] CN 106101023 A 20161109 - HUAWEI TECH CO LTD
• [A] US 2014092729 A1 20140403 - PENG JIANYUAN [CN], et al
• See also references of WO 2021227905A1

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 2021227905 A1 20211118; AU 2021271897 A1 20221208; BR 112022021770 A2 20221213; CN 115552860 A 20221230; CN 115552860 B 20240607; CO 2022016065 A2 20221209; EP 4150865 A1 20230322; EP 4150865 A4 20240515; JP 2023525966 A 20230620; KR 20230002635 A 20230105

DOCDB simple family (application)
CN 2021091693 W 20210430; AU 2021271897 A 20210430; BR 112022021770 A 20210430; CN 202180034369 A 20210430; CO 2022016065 A 20221109; EP 21804968 A 20210430; JP 2022563955 A 20210430; KR 20227039409 A 20210430