

Title (en)
PROVISIONING PRIVATE NETWORK CONNECTIONS

Title (de)
BEREITSTELLUNG VON PRIVATEN NETZWERKVERBINDUNGEN

Title (fr)
APPROVISIONNEMENT DE CONNEXIONS DE RÉSEAU PRIVÉ

Publication
EP 3424185 A4 20190227 (EN)

Application
EP 17833679 A 20170727

Priority
• US 201615221422 A 20160727
• IB 2017054551 W 20170727

Abstract (en)
[origin: WO2018020446A1] A private network connection provider can monitor its private network to determine characteristics for links of the private network. These characteristics can include total bandwidth, available bandwidth, latency, etc. The private network connection provider can then receive a request for a network connection between a first computing device and a second computing device over the private network. This request can specify a type of network connection and one or more thresholds (e.g., characteristics) corresponding to one or more service requirements. At the time of receiving the request, the network may be unable to satisfy the request. The private network connection provider can then wait until a later time when the network conditions are able to accommodate the request. The private network connection provider can then select links and associated nodes that are sufficient to satisfy the request and establish a connection across those links and nodes.

IPC 8 full level
H04L 12/26 (2006.01); **H04L 12/46** (2006.01)

CPC (source: EP)
H04L 12/462 (2013.01); **H04L 12/4633** (2013.01); **H04L 43/08** (2013.01); **H04L 43/20** (2022.05); **H04L 43/16** (2013.01)

Citation (search report)
• [I] US 2003005130 A1 20030102 - CHENG DOREEN YINING [US]
• [A] US 2004008688 A1 20040115 - MATSUBARA DAISUKE [US], et al
• [A] US 6775267 B1 20040810 - KUNG FEN-CHUNG [US], et al
• See references of WO 2018020446A1

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)
WO 2018020446 A1 20180201; AU 2017304280 A1 20180920; EP 3424185 A1 20190109; EP 3424185 A4 20190227; HK 1259488 A1 20191129; SG 11201807512R A 20180927

DOCDB simple family (application)
IB 2017054551 W 20170727; AU 2017304280 A 20170727; EP 17833679 A 20170727; HK 19101902 A 20190201; SG 11201807512R A 20170727