

Title (en)
MAINTAINING QUALITY OF SERVICE TREATMENT OF PACKETS USING SECURITY PARAMETER INDEX VALUES

Title (de)
AUFRECHTERHALTUNG DER DIENSTGÜTEBEHANDLUNG VON PAKETEN UNTER VERWENDUNG VON SICHERHEITSPARAMETERINDEXWERTEN

Title (fr)
MAINTIEN DU TRAITEMENT DE QUALITÉ DE SERVICE DE PAQUETS À L'AIDE DE VALEURS D'INDICES DE PARAMÈTRES DE SÉCURITÉ

Publication
EP 4260543 A1 20231018 (EN)

Application
EP 21841069 A 20211209

Priority

- US 202063124317 P 20201211
- US 202117171604 A 20210209
- US 2021062673 W 20211209

Abstract (en)
[origin: WO2022125814A1] Techniques for load balancing encrypted traffic based on security parameter index (SPI) values of packet headers and sets of 5-tuple values of the packet headers are described herein. Additionally, techniques for including quality of service (QoS)-type information in SPI value fields of packet headers are also described herein. The QoS-type information may indicate a particular traffic class according to which the packet is to be handled. Further, techniques for pre-configuring a backend host such that encrypted traffic may be migrated to the backend host from another backend host without causing temporary service disruptions are also described herein.

IPC 8 full level
H04L 67/1023 (2022.01); **H04L 9/32** (2006.01); **H04L 45/302** (2022.01); **H04L 47/125** (2022.01); **H04L 47/2441** (2022.01)

CPC (source: EP)
H04L 9/0643 (2013.01); **H04L 9/0894** (2013.01); **H04L 47/2441** (2013.01); **H04L 63/0485** (2013.01); **H04L 63/164** (2013.01); **H04L 67/1023** (2013.01); **H04L 63/0428** (2013.01)

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 2022125814 A1 20220616; EP 4260543 A1 20231018

DOCDB simple family (application)
US 2021062673 W 20211209; EP 21841069 A 20211209