Title (en)

METHOD OF QUIC COMMUNICATION VIA MULTIPLE PATHS

Title (de)

VERFAHREN ZUR SCHNELLEN KOMMUNIKATION ÜBER MEHRERE WEGE

Title (fr)

PROCÉDÉ DE COMMUNICATION QUIC VIA DES CHEMINS MULTIPLES

Publication

EP 3646557 A1 20200506 (FR)

Application

EP 18749456 A 20180626

Priority

- FR 1755872 A 20170627
- FR 2018051561 W 20180626

Abstract (en)

[origin: WO2019002754A1] The invention relates to a method of communication, in which a communicating device is situated behind a residential gateway able to implement the QUIC (Quick UDP Internet Connection) protocol and connected to a plurality of paths Pi, where i=1,...,N, on which said gateway can dispatch data packets received from said communicating device, and receive packets of data intended to said communicating device. Said method comprises the following steps: said gateway associates a respective connection identifier C_ID#i with each of said paths Pi; and, when the gateway receives a data packet from the communicating device, the gateway transmits this data packet on one of the paths Pi while taking into account the connection identifier C_ID#i corresponding to this path Pi.

IPC 8 full level

H04L 45/24 (2022.01); **H04N 21/4363** (2011.01); **H04N 21/61** (2011.01); **H04N 21/647** (2011.01)

CPC (source: EP US)

H04L 12/2898 (2013.01 - US); **H04L 12/66** (2013.01 - US); **H04L 45/24** (2013.01 - US); **H04L 47/125** (2013.01 - US); **H04L 65/1033** (2013.01 - EP); **H04L 65/1069** (2013.01 - EP); **H04L 67/14** (2013.01 - US); **H04L 69/164** (2013.01 - EP US); **H04L 69/18** (2013.01 - EP); **H04N 21/4363** (2013.01 - EP); **H04N 21/6106** (2013.01 - EP); **H04N 21/64707** (2013.01 - EP); H04L 67/02 (2013.01 - EP); H04L 69/163 (2013.01 - EP)

Citation (search report)

See references of WO 2019002754A1

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 2019002754 A1 20190103; CN 110999252 A 20200410; CN 110999252 B 20220412; EP 3646557 A1 20200506; FR 3067550 A1 20181214; US 11088942 B2 20210810; US 2020120015 A1 20200416

DOCDB simple family (application)

FR 2018051561 W 20180626; CN 201880053554 A 20180626; EP 18749456 A 20180626; FR 1755872 A 20170627; US 201816626731 A 20180626