

Title (en)  
METHOD FOR OBTAINING A DATA SEGMENT BY MEANS OF A CLIENT DEVICE CAPABLE OF COMMUNICATING WITH A PLURALITY OF CONTENT DELIVERY NETWORKS

Title (de)  
VERFAHREN ZUR GEWINNUNG EINES DATENSEGMENTS MITTELS EINER CLIENT-VORRICHTUNG MIT FÄHIGKEIT ZUR KOMMUNIKATION MIT EINER VIELZAHL AN INHALTSBEREITSTELLUNGSNETZWERKEN

Title (fr)  
PROCÉDÉ D'OBTENTION D'UN SEGMENT DE DONNÉES PAR UN DISPOSITIF CLIENT APTE À COMMUNIQUER AVEC UNE PLURALITÉ DE RÉSEAUX DE DIFFUSION DE CONTENU

Publication  
**EP 3942778 A1 20220126 (FR)**

Application  
**EP 20712568 A 20200320**

Priority  
• FR 1902989 A 20190322  
• EP 2020057862 W 20200320

Abstract (en)  
[origin: US2020305070A1] There is proposed a method for obtaining a data segment by a client device capable of communicating with a plurality of content delivery networks (CDN1, CDN2), the method comprising the following steps: for each network of the plurality of networks, calculating (100) a score associated with the network indicative of a quality of transmission of data from the network to the client device; randomly drawing (102) a network in the plurality of networks, the random draw being adapted so that a probability of drawing a network of the plurality associated with a score indicative of a first quality of transmission is higher than a probability of drawing a network of the plurality associated with a score indicative of a second quality of transmission lower than the first quality of transmission; and requiring (104) the drawn network for the client device to obtain the data segment from the drawn network.

IPC 8 full level  
**H04L 45/851** (2022.01)

CPC (source: EP KR US)  
**H04L 43/0882** (2013.01 - KR US); **H04L 65/61** (2022.05 - KR US); **H04L 65/80** (2013.01 - KR); **H04L 67/1001** (2022.05 - EP KR); **H04L 67/568** (2022.05 - EP KR); **H04L 67/63** (2022.05 - KR); **H04W 24/08** (2013.01 - KR US); **H04W 48/18** (2013.01 - KR US)

Citation (search report)  
See references of WO 2020193429A1

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)  
**US 11528658 B2 20221213**; **US 2020305070 A1 20200924**; AU 2020249319 A1 20211028; CA 3133413 A1 20201001; EP 3942778 A1 20220126; FR 3094164 A1 20200925; FR 3094164 B1 20211029; JP 2022525217 A 20220511; KR 20210139431 A 20211122; SG 11202110485Q A 20211028; US 2023354173 A1 20231102; WO 2020193429 A1 20201001

DOCDB simple family (application)  
**US 202016825809 A 20200320**; AU 2020249319 A 20200320; CA 3133413 A 20200320; EP 2020057862 W 20200320; EP 20712568 A 20200320; FR 1902989 A 20190322; JP 2021555572 A 20200320; KR 20217034291 A 20200320; SG 11202110485Q A 20200320; US 202218078945 A 20221210