Title (en)
USER PLANE FUNCTION LOAD CONTROL

Title (de)
FUNKTIONSLASTSTEUERUNG AUF BENUTZEREBENE

Title (fr)
RÉGULATION DE CHARGE DE FONCTION DE PLAN UTILISATEUR

Publication
EP 4070529 A1 20221012 (EN)

Application
EP 20807132 A 20201109

Priority
• EP 19383085 A 20191205
• IB 2020060533 W 20201109

Abstract (en)
[origin: WO2021111213A1] A network node (500) of a wireless communication network (10) receives (205) load control information identifying a network slice and indicating a target load for the network slice. The network node (500) triggers (210) data collection at a user plane function (UPF) (35) that is in the identified network slice and that has a load above the target load. The network node (500) determines (215), based on a result of the data collection received from the UPF (35), a policy that achieves the target load at the UPF (35), and signals (220) a Policy Control Function (PCF) (50) in the identified network slice to control the load of the UPF (35) in accordance with the policy.

IPC 8 full level
H04W 28/08 (2009.01)

CPC (source: EP)
H04L 67/101 (2013.01); **H04W 28/088** (2023.05); **H04W 28/0925** (2020.05)

Citation (search report)
See references of WO 2021111213A1

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 2021111213 A1 20210610; EP 4070529 A1 20221012

DOCDB simple family (application)
IB 2020060533 W 20201109; EP 20807132 A 20201109