

Title (en)
METHOD AND SYSTEM FOR SLICING ASSIGNING FOR LOAD SHEDDING TO MINIMIZE POWER CONSUMPTION WHERE GNB IS CONTROLLED FOR SLICE ASSIGNMENTS

Title (de)
VERFAHREN UND SYSTEM ZUR SLICE-ZUWEISUNG FÜR LASTABWURF ZUR MINIMIERUNG DES STROMVERBRAUCHS, BEI DEM GNB FÜR SLICE-ZUWEISUNGEN GESTEUERT WIRD

Title (fr)
PROCÉDÉ ET SYSTÈME D'ATTRIBUTION DE TRANCHES PERMETTANT UN DÉLESTAGE DE CHARGE DE FAÇON À RÉDUIRE À UN MINIMUM UNE CONSOMMATION DE PUISSANCE SUR UN SITE OÙ UN GNB EST COMMANDÉ EN FONCTION D'ATTRIBUTIONS DE TRANCHES

Publication
EP 4147114 A4 20240703 (EN)

Application
EP 21817300 A 20210603

Priority
• US 202016891934 A 20200603
• US 202016891991 A 20200603
• US 2021035616 W 20210603

Abstract (en)
[origin: WO2021247807A1] Systems and methods of adaptive bandwidth (BW) management are provided by a control unit of distribution and central units to monitor power and traffic loads at a plurality of nodes in a network; a BW management unit communicating with the control unit to reassign a set of network slices with a set of smaller bandwidth parts (BWPs); the BW management unit configured to define a smaller BWP from a slice mapping for the slice reassignment during a AC power outage, the slicing mapping includes network slices tied to smaller BWPs in the network; and the BW management unit configured to adapt BW for users at the node by reassigning of at least one network slice with a defined smaller BWP at the node in response to a condition determined by the BW management unit, the condition of at least one of a AC power outage, and reduced traffic load at the node.

IPC 8 full level
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CPC (source: EP)
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Citation (search report)
• [A] WO 2020022857 A1 20200130 - LG ELECTRONICS INC [KR] & US 2021185651 A1 20210617 - SEO INKWON [KR], et al
• [A] US 2006182262 A1 20060817 - GOLDMAN STUART O [US], et al
• [A] CN 107426797 A 20171201 - INST COMPUTING TECH CAS & EP 3843451 A1 20210630 - ZTE CORP [CN]
• [A] US 2016353422 A1 20161201 - VRZIC SOPHIE [CA], et al
• See also references of WO 2021247807A1

Designated contracting state (EPC)
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