

Title (en)

METHOD AND SYSTEM FOR BUFFER MANAGEMENT BASED ON PREDICTIVE ANALYTICS

Title (de)

VERFAHREN UND SYSTEM ZUR PUFFERVERWALTUNG AUF DER BASIS VON PRÄDIKTIVER ANALYTIK

Title (fr)

PROCÉDÉ ET SYSTÈME DE GESTION DE TAMPON BASÉE SUR UNE ANALYSE PRÉDICTIVE

Publication

**EP 4282144 A1 20231129 (EN)**

Application

**EP 22806977 A 20220510**

Priority

- US 202163187916 P 20210512
- IL 2022050482 W 20220510

Abstract (en)

[origin: WO2022238998A1] A method for managing traffic in a communication network and computer program product, the method comprising: receiving a plurality of traffic units to be transmitted by a switch through a port, the port having an associated queue; extracting features from the plurality of traffic units; providing the features to a first engine, to obtain a class for the plurality of traffic units; using a second engine associated with a traffic model for the class, obtaining an indication of a predicted traffic volume for the class for a future time and for the physical location of a switch that transmits the plurality of traffic units; allocating a queue of a size corresponding to the indication of the predicted traffic volume; and assigning the at least one traffic unit to the buffer.

IPC 8 full level

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CPC (source: EP)

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