

Title (en)
SYSTEM, CLASSIFIER AND METHOD FOR NETWORK POLICY-BASED TRAFFIC MANAGEMENT OF DATA FLOWS

Title (de)
SYSTEM, KLASSIFIZIERER UND VERFAHREN ZUR NETZWERKRICHTLINIENBASIERTEN VERKEHRSVERWALTUNG VON DATENSTRÖMEN

Title (fr)
SYSTÈME, CLASSIFICATEUR ET PROCÉDÉ DE GESTION DE TRAFIC REPOSANT SUR UNE POLITIQUE DE RÉSEAU DE FLUX DE DONNÉES

Publication
EP 4331200 A2 20240306 (EN)

Application
EP 22796762 A 20220428

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- US 2022026808 W 20220428

Abstract (en)
[origin: WO2022232445A2] A system features classification architectures for policy-based, data traffic management. A first architecture type is a controller and nodes operating as a Kubernetes cluster. The cluster includes a master node and an ingress node configured to access the master node to obtain attribute(s) for a data flow received by the ingress node, determine a network policy applicable to the data flow based on the attribute(s), and determine a classification identifier, based on the network policy, to provide context associated with the data flow and reliable association. The second architecture type features an ingress gateway including data analytic logic and message reconfiguration logic. The data analytic logic determines a network policy applicable to the data flow and assigns the classification identifier to influence routing paths. The message reconfiguration logic encapsulates the classification identifier into data flow content to generate a classified data flow for routing through a cloud or multi-cloud network.

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