

## **ABSTRACT**

### **NETWORK ENVIRONMENT SEPARATION**

The presently disclosed subject matter includes, inter alia, a separation module being operatively connectible to a network device operable to facilitate data communication in a communication network, the separation module being configured to control data communication in the communication network, the separation module being assigned with a network-id associating the separation module with a given network environment; the separation module being further configured to tag a data packet received by the network device from a first direction, in order to associate the data packet with a given network environment; and determine whether a tag, associated with a data packet received by the network device from a second direction, is compatible with the assigned network-id, and if it is, remove the tag from the data packet and allow transmission of the data packet.

Fig. 2