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(54) **METHOD FOR OPERATING A CENTRAL OFFICE POINT OF DELIVERY INSTANCE OF OR FOR A BROADBAND ACCESS NETWORK OF A TELECOMMUNICATIONS NETWORK, THE CENTRAL OFFICE POINT OF DELIVERY INSTANCE BEING CONNECTED TO A CENTRAL OFFICE POINT OF DELIVERY MANAGEMENT ENTITY, SYSTEM COMPRISING A CENTRAL OFFICE POINT OF DELIVERY INSTANCE AND A CENTRAL OFFICE POINT OF DELIVERY MANAGEMENT ENTITY, TELECOMMUNICATIONS NETWORK, CENTRAL OFFICE POINT OF DELIVERY INSTANCE OR CENTRAL OFFICE POINT OF DELIVERY MANAGEMENT ENTITY**

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(57) **ABSTRACT**

A method for operating a delivery instance for an access network of a telecommunications network is provided. The delivery instance is connected to a management entity, where the delivery instance and the management entity include a control functionality, a management functionality, a transport functionality, and an edge functionality. The delivery instance includes an access functionality realized by a plurality of access nodes that terminate physical subscriber lines serving end users of the telecommunications network. The delivery instance is operated using a hardware host. The management entity and the hardware host exchange configuration and setup information to bring the delivery instance into operation on the hardware host. The management entity manages the operation of the delivery instance running on the hardware host, the delivery instance operatively realizes access functionality regarding the end users of the telecommunications network using the plurality of access nodes and the physical subscriber lines thereof.

