Subscriber Line Accommodation Apparatus and Packet Filtering Method

Abstract of the Disclosure

In a subscriber line accommodation apparatus, subscriber line termination units individually terminate a plurality of subscriber lines. An address information acquisition unit successively acquires, as address information, a dynamic address dynamically assigned to each of the communication terminals connected to the subscriber lines terminated by the subscriber line termination unit. A packet information reading unit reads out, from a packet to be sent to one of the communication terminals, packet information containing a dynamic address indicating the destination of the packet. An address information coincidence presence/absence determination unit determines whether the readout dynamic address coincides with one of the pieces of address information acquired by the address information acquisition unit. A packet sending control unit permits sending of only a packet determined to be coincident. A packet filtering method is also disclosed.

FIG.1