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 acquires address information of each communication terminal connected to the subscriber line terminated by the subscriber line termination unit. When the IP address of a communication terminal is designated, and one of an ARP request to acquire a MAC address corresponding to the IP address and an ARP response is done, an address information coincidence determination unit determines whether an address indicating the transmission source of an ARP packet used for the ARP request and the ARP response coincides with one of pieces of address information acquired by the address information acquisition unit. A packet sending control unit permits sending of the ARP packet when it is determined that the addresses coincide. A packet filtering method is also disclosed.

FIG.1