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(54) Title: EVENT-DRIVEN CELL SCHEDULER AND METHOD FOR SUPPORTING MULTIPLE SERVICE CATEGORIES IN A COMMUNICATION NETWORK

(57) Abstract

The event scheduler (100; 200) and method (300) of the present invention solve the problem of mixing multiple service categories on the same physical link or media by utilizing a calendar queue scheduling method (i.e., based on prior actual transmission times of previous packets). The event-driven cell scheduler is, for example, used in an asynchronous transfer mode ATM network and may, for example, be embodied in software, hardware and firmware.

