

ABSTRACTMONITORING SYSTEM

A system for monitoring a network in which a station (1) connected to the network includes a transmitter (2) and a receiver (3). The transmitter (2) outputs a signal modulated with outgoing traffic onto the network and the receiver (3) receives a signal from the network modulated with incoming traffic. The station (1) includes a monitoring circuit (7). The monitoring circuit (7) introduces a variable delay in a signal from the transmitter (2) and combines the delayed signal with the received signal so as to produce an output dependent upon the correlation of the signal from the transmitter (2) and the received signal at the given delay.

In a preferred example, the network is an optical network and the delay is introduced by a programmable delay line.

This Sheet Has Been Replaced

