THIS SHEET HAS BEEN REPLACED

CONTENT ADDRESSABLE MEMORY FIFO WITH AND WITHOUT PURGING

A content-addressable, first-in/first-out memory (CAM-FIFO), as used to provide a read-modify-write buffer for data between two processes, includes: a Content Addressable Memory (CAM) which stores flag data; a FIFO memory portion for providing data storage; a write/read address counting section for providing write/read addresses of data to be stored in/read from the FIFO; and logic to determine and is used to query data on the queue to determine if the FIFO data should still be sent to the receiving process, or replaced with at least part of the flag data.

This Sheet Has Been Replaced

