METHOD AND ARRANGEMENT FOR ALLOWING A COMPUTER TO COMMUNICATE WITH A DATA STORAGE DEVICE

ABSTRACT OF DISCLOSURE

A computer controlled system includes a data storage device connected to a host computer using a bus which allows device-initiated bus-mastering. The system has system RAM which is associated with the host computer and which is not part of the data storage device. The data storage device requires certain device operating data/code in the form of device control means and device operating data to be used to control the operation of the device. An arrangement and method for operating the data storage device includes storing at least a portion of the device operating data/code in the system RAM. The arrangement and method further include allowing the host computer and/or the data storage device access to the device operating data/code stored in the system RAM such that the host computer and/or the data storage device may use the device operating data/code to control the operation of the data storage device.

Figure 4