TRUE RANDOM NUMBER GENERATION

Abstract of the Disclosure

True random numbers are generated from position error signals or like signals. The generator is not dependent on a potentially biased reference or threshold, and is capable of quickly generating true random numbers on demand. The present invention can be implemented as an integral functionality of a data storage device to control access to data stored in the data storage device. It can also be implemented in data storage devices for controlling access to host systems or host devices associated with the data storage devices.

FIGURE 3