

5 **OPTIMISING ALLOCATION OF SECTORS IN DISC DRIVES**

Abstract of the Disclosure

10 Audio or video information is stored as data files in clusters or
disc drive to one or more buffers for respective data streaming
applications. Optimal buffer size is calculated using operational parameters
such as transfer rates and rotational latencies. The sectors are grouped in
15 blocks having a size equivalent to, or slightly larger than, the size of an
associated host buffer for the respective application to avoid fragmentation
of the data used in each buffer fill, and thereby minimize the time required
to fill the buffer from the disc drive.

This Sheet Has Been Replaced

