

ABSTRACT OF THE DISCLOSURE

LOW POWER DVD PLAYBACK IN A PORTABLE COMPUTING SYSTEM

In a DVD playback mode only, the first type interface is disabled and a DVD driver unit having a hardware DVD decoder connected to a DVD reader unit arranged to read video data from a DVD inserted therein is powered on. In the described embodiment, the DVD decoder unit is also connected to the display screen by way of a second type interface is powered on. The video data is read from the DVD by the DVD reader unit and sent by the DVD reader unit to the hardware DVD decoder unit which then decodes the video data before passing it directly to a timing controller unit coupled to the display screen by way of the second type interface. The timing controller unit converts the video data at a native resolution to a display screen resolution that is then displayed on the display screen.