

ABSTRACT

An auxiliary video information decoder, for decoding
5 auxiliary video information signals such as closed caption data,
includes a data slicer (210) having a variable slicing level. The
slicing level is adjusted in response to the amplitude of a run-in-
clock (RIC) signal that is included in the auxiliary video information
portion of the video signal. Slicing level adjustment involves
10 averaging the RIC signal amplitude during a substantially integral
number of cycles of the RIC signal that occur during a control
interval (RICWND). The timing of the RIC signal waveform with
respect to the control interval is evaluated to verify that the
desired number of cycles of the RIC signal occur during a control
15 interval. The timing evaluation operation involves counting (250)
cycles of the RIC signal during a control interval. If the desired
number of cycles do not occur, the timing of the control interval is
modified (200,220,230) with respect to the RIC signal and the
timing is reevaluated during a subsequent control interval. The
20 evaluation and timing-modification operations may be repeated
until the desired number of cycles of the RIC signal are detected. If
repeated operation does not provide the desired result, a control
signal may be generated indicating that the video signal may not
include auxiliary video information.

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This Sheet Has Been Replaced