DATA RATE CONVERSION

ABSTRACT

A method for converting frame data at a slower rate into field data at a faster rate in a video decoder comprises determining a basic field repetition rate such that a field is repeated an integer number of times in a frame period, calculating a ratio differential of the repetition rate by subtracting from the speed-up ratio of the faster to the slower rate, the ratio of the fields per frame period to the slower rate, comparing the ratio differential with the differential of the field repetition rate and adding or subtracting extra fields when the two are substantially at variance.

Figure 2