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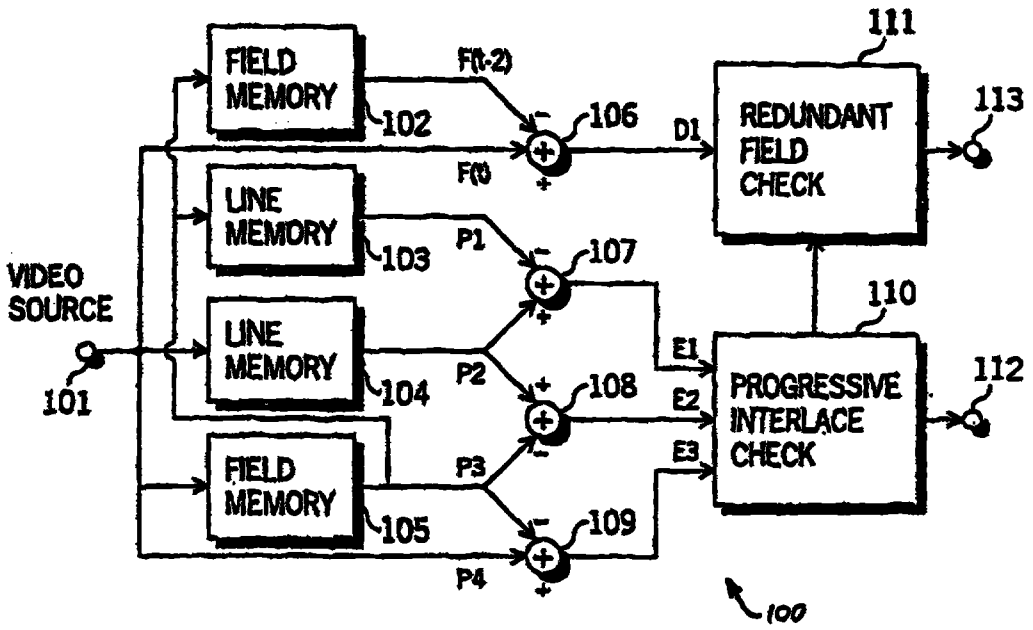
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(54) Title: PROGRESSIVE/INTERLACE AND REDUNDANT FIELD DETECTION FOR ENCODER



(57) Abstract

A method of processing video data to detect field characteristics of the data, including processing pixel values of the data to obtain differences between the values of two successive fields of the data, processing the difference values to detect interlace patterns in the successive fields, determining if the successive fields belong to a progressive frame based on detection of the interlace patterns, and generating a progressive frame output indicating that a progressive frame has been detected. The pixel values of the first field of the successive fields and a subsequent field to the successive fields are processed to obtain further difference values to determine if the subsequent field is a redundant field, when the progressive frame output is generated.