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(54) Title: ADAPTIVE EARLY EXIT TECHNIQUES FOR MINIMUN DISTORTION CALCULATION IN IMAGE CORRELATION

(57) Abstract: An image processor that calculates values that are related to distortion between two image parts. The values are detected in a previous calculation. Those values are then used in the next calculation cycle to detect an early exit. That value, called least, divided by the number of accumulators, and its negative is loaded into the accumulators. When the accumulators reach zero, an early exit is established.