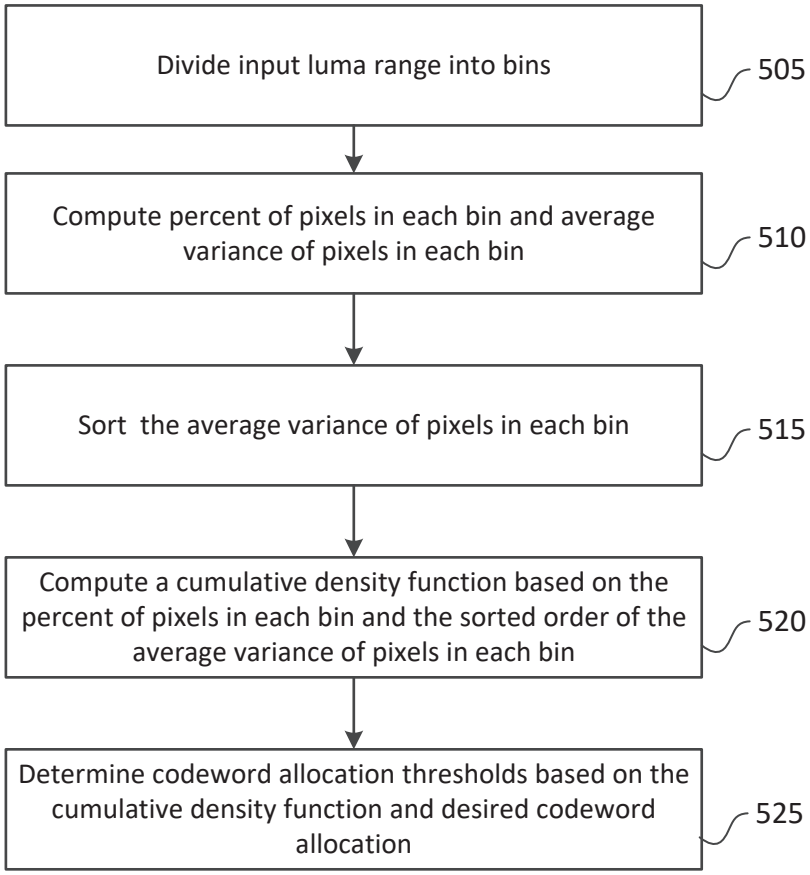

Divide input luma range into bins
505
Compute percent of pixels in each bin and average variance of pixels in each bin
510
Sort the average variance of pixels in each bin
515
Compute a cumulative density function based on the percent of pixels in each bin and the sorted order of the average variance of pixels in each bin
520
Determine codeword allocation thresholds based on the cumulative density function and desired codeword allocation
525

***FIG. 5***