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(54) Title: METHOD AND APPARATUS FOR IMAGE NOISE REDUCTION

(57) Abstract: A method and apparatus that allows for image denoising in an imaging device. The method and implementing apparatus selects a kernel, which includes neighboring pixel pairs for a identified pixel, determines average output signal values for pixel pairs in the correction kernel, determines the difference in the average values and the identified pixel's value, compares the difference values to a threshold and incorporates selected average pixel pair values into the identified pixel's value for pixel pairs having difference values equal to or less than or equal to the threshold value.

WO 2007/070464 A1