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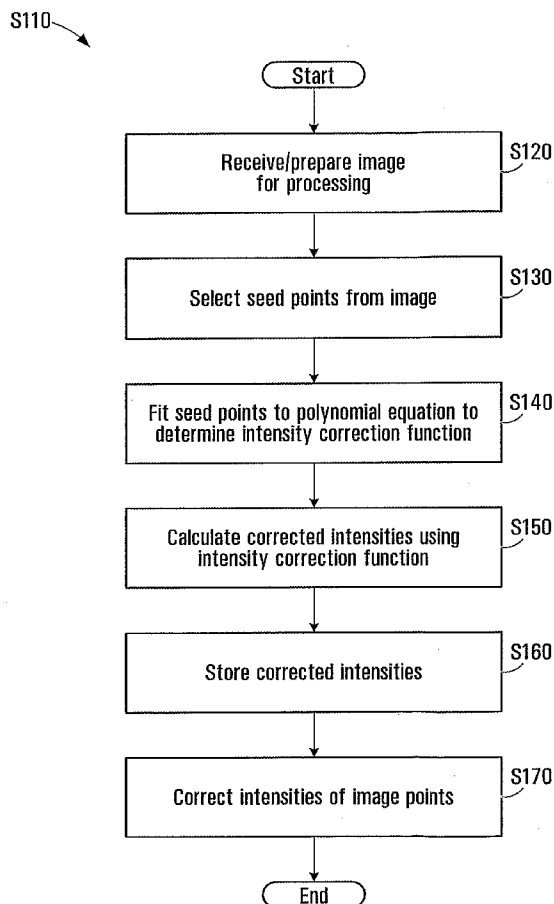
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(54) Title: METHOD AND DEVICE FOR CORRECTION OF MAGNETIC RESONANCE IMAGES



(57) Abstract: A method of correcting magnetic resonance images is provided. Seed points having a same expected true intensity are selected from the image points in an image. An intensity correction function $I_f(X)$ is determined by fitting measured intensities $I_m(X_s)$ of the seed points to $I_m(X_s) = I_f(X_s)$, where x denotes the coordinate of the image points. $I_f(X)$ is a polynomial function and the values of its coefficients are determined by the fitting. Corrected intensities $I_c(X_c)$ for corrected image points are calculated according to $I_c(X_c) = I_m(X_c) / I_f(X_c)$. A corrected image includes the corrected image points.



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