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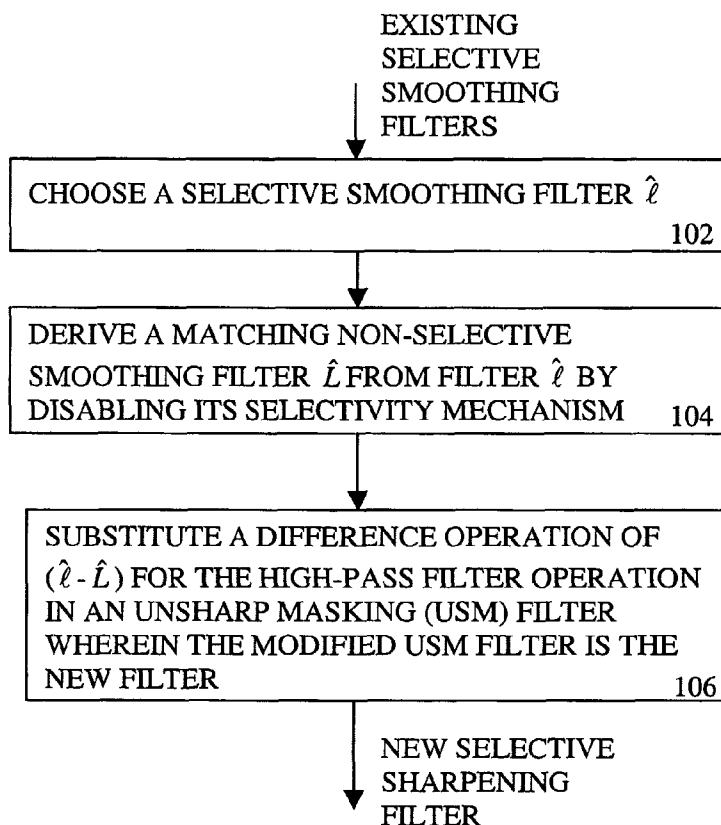
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(54) Title: SELECTIVE SMOOTHING AND SHARPENING OF IMAGES BY GENERALIZED UNSHARP MASKING



(57) Abstract: A method of deriving from an existing selective image smoothing filter either a corresponding filter for selective image sharpening, or a corresponding filter for both selective image smoothing and selective image sharpening. The selective sharpening filter can be implemented quickly by using implementations of the existing selective smoothing filter and a derived matching non-selective smoothing filter as black boxes and combining their outputs in a simple manner. Alternatively, the derived selective sharpening filter can be implemented by inlining the combination of the implementations of the existing selective smoothing.

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