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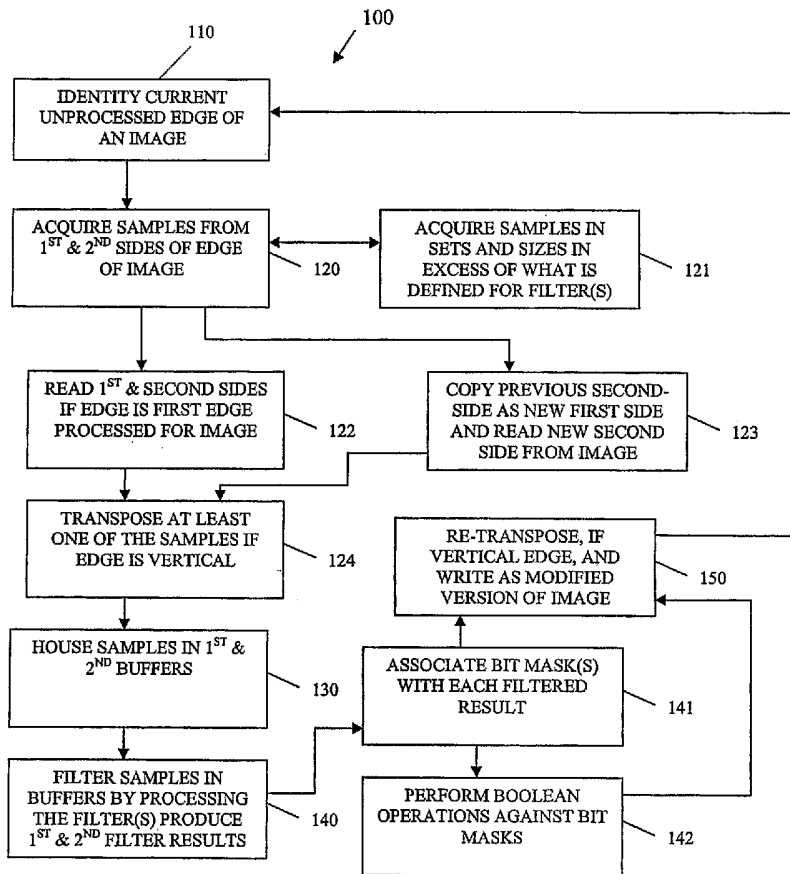
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(54) Title: IMAGE EDGE FILTERING



(57) Abstract: Techniques for image edge filter processing are provided. Data samples surrounding vertical and horizontal edges of an image are acquired and iteratively processed. If the samples are associated with vertical edges, the data associated with the samples are transposed prior to applying a selected filter. The samples are stored in two buffers (one buffer for each unique side of an edge being processed) and selective filters applied thereon. Each sample set includes more than four samples of data. Once the filters are processed, the data in the buffers is written as portions of a modified image. If the samples were associated with vertical edges, then the data is re-transposed out of the buffers as it is written.

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FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>SIMA M ET AL: "AN EFFICIENT ARCHITECTURE FOR ADAPTIVE DEBLOCKING FILTER OF H.264/AVC VIDEO CODING" IEEE TRANSACTIONS ON CONSUMER ELECTRONICS, IEEE SERVICE CENTER, NEW YORK, NY, US, vol. 50, no. 1, February 2004 (2004-02), pages 292-296, XP001198142 ISSN: 0098-3063 the whole document</p> <p style="text-align: center;">-----</p>	1-30
A	<p>US 2003/020835 A1 (PETRESCU DOINA) 30 January 2003 (2003-01-30) abstract paragraphs [0034], [0036] claim 10</p> <p style="text-align: center;">-----</p>	1-30

INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2003020835	A1	NONE	