Title (en)
METHOD FOR DEBLOCKING FILTERING

Title (de)
VERFAHREN ZUM DEBLOCKING-FILTERN

Title (fr)
PROCÉDÉ DE DÉBLOCAGE-FILTRAGE

Publication
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Application
EP 10717047 A 20100414

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Abstract (en)
[origin: WO2011127941A1] The invention relates to a method for deblocking filtering a macroblock (M1) on the basis of a coding standard for image information which is stored in macroblocks (M1, M2) which are arranged adjacent to one another horizontally in macroblock rows and adjacent to one another vertically in macroblock columns, wherein each macroblock (M1, M2) is formed from blocks (B) which are arranged adjacent to one another horizontally in block rows M and adjacent to one another vertically in block columns n and form block elements Mmn, where m = 1 to 4 and n = 1 to 4, of a first matrix M, wherein the blocks (B) have vertical edges (14, 15) and horizontal edges (18, 19), which each provide external boundaries for the blocks (B), and, starting with the block element MII, the vertical edges (14, 15) and the horizontal edges (18, 19) of the blocks (B) of a macroblock (M1, M2) are filtered, in which a context region (K1) comprising the blocks (B) of a first macroblock (M1) to be filtered is stipulated which is formed from blocks (B) which are arranged adjacent to one another horizontally in block rows o and adjacent to one another vertically in block columns p and form block elements Kop, where o = 1 to 7 and p = 1 to 7, of a second matrix K, wherein the block elements K1-S, where r = 3 to 6 and s = 3 to 6, correspond to the block elements Mmn, where m = 1 to 4 and n = 1 to 4, of the first matrix M. Next, the vertical edges (1, 3) and horizontal edges (2, 10) of the blocks (B) of the context region (K1) are filtered, starting with the block element KII of the second matrix K, on the basis of the coding standard for image information.

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