Title (en)

Method and apparatus for processing video pictures

Title (de)

Verfahren und Vorrichtung zur Verarbeitung von Videobildern

Title (fr)

Procédé et dispositif de traitement d'images vidéo

Publication

EP 1936590 A2 20080625 (EN)

Application

EP 07123403 A 20071217

Priority

- EP 06301274 A 20061220
- EP 07123403 A 20071217

Abstract (en)

The present invention relates to a method and an apparatus for processing video pictures for dynamic false contour effect compensation. It comprises the steps of: - dividing each of the video pictures into at least a first type of area and a second type of area according to the video gradient of the picture, a specific video gradient range being associated to each type of area, - allocating a first set of sub-field code words to the first type of area and a second set of sub-field code words to the second type of area, the second set being a subset of the first set, - encoding the pixels of the first type of area with the first set of sub-field code words and encoding the pixels of the second type of area with the second set of sub-field code words, wherein, for at least one horizontal line of pixels comprising pixels of first type area and pixels of second type area, the area of second type is extended until the next pixel in the first type area is a pixel encoded by a sub-field code word belonging to both first and second set of sub-field code words.

IPC 8 full level

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CPC (source: EP)

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