

Title (en)

CONTEXT-BASED ADAPTIVE ARITHMETIC CODING AND DECODING METHODS AND APPARATUSES WITH IMPROVED CODING EFFICIENCY AND VIDEO CODING AND DECODING METHODS AND APPARATUSES USING THE SAME

Title (de)

VERFAHREN UND VORRICHTUNGEN ZUR ADAPTIVEN ARITHMETISCHEN CODIERUNG UND DECODIERUNG AUF KONTEXTBASIS MIT VERBESSERTER CODIERUNGSEFFIZIENZ UND VERFAHREN UND VORRICHTUNGEN ZUR VIDEOCODIERUNG UND -DECODIERUNG DAMIT

Title (fr)

PROCEDES ET APPAREILS DE CODAGE ET DECODAGE ARITHMETIQUE ADAPTATIF A BASE DE CONTEXTE, A MEILLEUR RENDEMENT DE CODAGE, ET PROCEDES ET APPAREILS DE CODAGE ET DECODAGE VIDEO LES UTILISANT

Publication

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Application

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Abstract (en)

[origin: WO2006112643A1] Context-based adaptive arithmetic coding and decoding methods and apparatuses with improved coding efficiency and video coding and decoding methods and apparatuses using the same are provided. The method for performing context-based adaptive arithmetic coding on a given slice in an enhancement layer frame of a video signal having a multi-layered structure includes steps of resetting a context model for the given slice to a context model for a base layer slice at the same temporal position as the given slice, arithmetically coding a data symbol of the given slice using the reset context model, and updating the context model based on the value of the arithmetically coded data symbol.

IPC 8 full level

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CPC (source: EP)

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