

Title (en)

CONTEXT DERIVATION FOR COEFFICIENT CODING

Title (de)

KONTEXTABLEITUNG FÜR KOEFFIZIENTENCODIERUNG

Title (fr)

DÉRIVATION DE CONTEXTE POUR UN CODAGE DE COEFFICIENT

Publication

EP 3721630 A1 20201014 (EN)

Application

EP 18779974 A 20180914

Priority

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- US 2018051041 W 20180914

Abstract (en)

[origin: WO2019112669A1] Coding a transform block having transform coefficients is described. A plurality of register arrays is defined to each hold one or more stored values regarding the coding context based on at least one spatial template for a coding context. The register arrays are initialized by setting the stored values to default values, and values for the transform coefficients from the transform block are coded in a reverse scan order. The values for the transform coefficients are indicative of magnitudes of the transform coefficients. For each of one or more transform coefficients, the coding includes determining the coding context using at least some of the stored values from the register arrays, entropy coding a value for the transform coefficient using the coding context, and updating the register arrays subsequent to entropy coding the value for the transform coefficient.

IPC 8 full level

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