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(54) Title (EN): IMAGE ENCODING DEVICE AND IMAGE DECODING DEVICE

(54) Title (FR): DISPOSITIF DE CODAGE D'IMAGES ET DISPOSITIF DE DÉCODAGE D'IMAGES

(54) Title (JA): 映像符号化装置及び映像復号装置

(57) Abstract:

(EN): In the present invention, an image encoding device is provided with a quantization step-size encoding unit (11) for encoding a quantization step size that controls quantization fineness, and a quantization step-size downsampling unit (12) that performs downsampling on one or a plurality of encoded quantization step sizes to generate a quantization step-size representative value. The quantization step-size encoding unit (11) is configured so that the quantization step-size representative value is used to predict a quantization step size.

(FR): La présente invention porte sur un dispositif de codage d'images qui est équipé d'une unité de codage de taille d'étape de quantification (11) destinée au codage d'une taille d'étape de quantification qui commande une finesse de quantification, et d'une unité de sous-échantillonnage de taille d'étape de quantification (12) qui effectue un sous-échantillonnage sur une ou une pluralité de tailles d'étapes de quantification codées de façon à générer une valeur représentative de taille d'étape de quantification. L'unité de codage de taille d'étape de quantification (11) est configurée de sorte que la valeur représentative de taille d'étape de quantification est utilisée pour prédire une taille d'étape de quantification.

(JA): 映像符号化装置は、量子化の粒度を制御する量子化ステップサイズを符号化する量子化ステップサイズ符号化部１１と、符号化済みの一つまたは複数の量子化ステップサイズに対してダウンサンプリングを行って量子化ステップサイズ代表値を生成する量子化ステップサイズダウンサンプリング部１２とを備えている。量子化ステップサイズ符号化部１１は、量子化ステップサイズ代表値を用いて量子化ステップサイズを予測するように構成される。

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