Title (en)
VIDEO DECODER FOR LOW RESOLUTION POWER REDUCTION USING LOW RESOLUTION DATA

Title (de)
VIDEODECODER FÜR LEISTUNGSREDUZIERUNG MIT NIEDRIGER AUFLÖSUNG MITHILFE VON DATEN MIT NIEDRIGER AUFLÖSUNG

Title (fr)
DÉCODEUR VIDÉO POUR RÉDUCTION DE PUISSANCE À BASSE RÉSOLUTION UTILISANT DES DONNÉES À BASSE RÉSOLUTION

Publication
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Application
EP 11806941 A 20110714

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Abstract (en)
[origin: WO2012008614A1] A video decoder that uses power reduction techniques is disclosed. The video decoder comprising; (a) an entropy decoder that decodes a bitstream defining said video; (b) an inverse transformation that transforms said decoded bitstream; (c) a predictor that selectively performs an intra-prediction and a motion compensated prediction based on said decoded bitstream; (d) a buffer comprising compressed image data used for said motion compensated prediction, including low-resolution data and high-resolution data, where said predictor predicts both a low-resolution data set and high-resolution data set based upon said low-resolution data using high-resolution prediction information decoded from said bitstream without using said high-resolution data.

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