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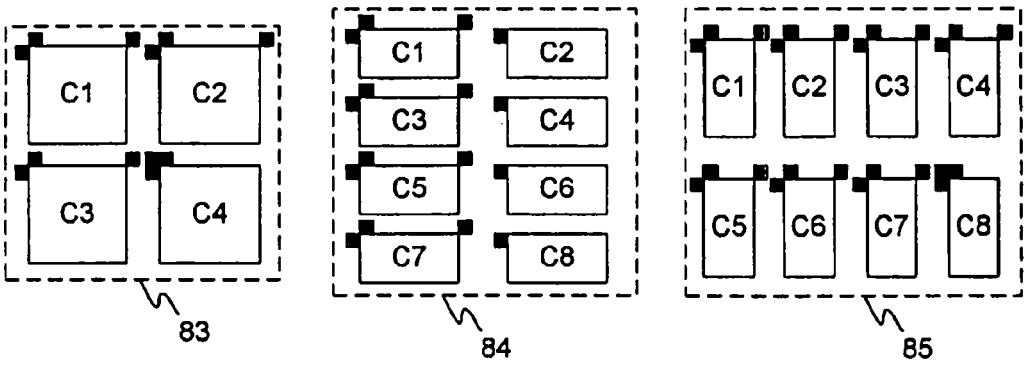
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(54) Title: METHOD FOR ENCODING AND DECODING VIDEO INFORMATION, A MOTION COMPENSATED VIDEO ENCODER AND A CORRESPONDING DECODER



(57) Abstract: A method for encoding video information is presented, where a piece of current video information is divided into macroblocks and a certain number of available macroblock segmentations for segmenting a macroblock into blocks is defined. Furthermore, for each available macroblock segmentation at least one available prediction method is defined, each of which prediction methods produces prediction motion coefficients for blocks within said macroblock, resulting in a certain finite number of available macroblock-segmentation - prediction-method pairs. For a macroblock, one of the available macroblock-segmentation - prediction-method pairs is selected, and thereafter the macroblock is segmented into blocks and prediction motion coefficients for the blocks within said macroblock are produced using the selected macroblock-segmentation - prediction-method pair. A corresponding decoding method, an encoder and a decoder are also presented.

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