- decoding an indication that a prediction unit at position of a first horizontal coordinate and a first vertical coordinate of the coded tile is predicted relative to a prediction-unit anchor position that is relative to the horizontal and vertical offset;
- deriving a prediction-unit anchor position equal to sum of the first horizontal coordinate and the horizontal offset, and the first vertical coordinate and the vertical offset, respectively;
- determining a motion vector for the prediction unit; and
- applying the motion vector relative to the prediction-unit anchor position to obtain a prediction block.

[00153] An embodiment for encoding taking advantage of a motion vector anchor position comprises the following:

- encoding an input picture into a coded constituent picture;
- reconstructing, as a part of said encoding, a decoded constituent picture corresponding to the coded constituent picture;
- encoding a spatial region into a coded tile, the encoding comprising:
  - o determining a tile position within a coded constituent picture, wherein the tile position is indicative of a horizontal offset and a vertical offset that are indicative of a region-wise anchor position of the spatial region within the decoded constituent picture;
  - o encoding a tile identifier that is indicative of the tile position;
  - o determining that a prediction unit at position of a first horizontal coordinate and a first vertical coordinate of the coded tile is predicted relative to the region-wise anchor position, wherein the first horizontal coordinate and the first vertical coordinate are horizontal and vertical coordinates, respectively, within the spatial region;
  - o indicating that the prediction unit is predicted relative to a prediction-unit anchor position that is relative to the region-wise anchor position;
  - o deriving a prediction-unit anchor position equal to sum of the first horizontal coordinate and the horizontal offset, and the first vertical coordinate and the vertical offset, respectively;
  - o determining a motion vector for the prediction unit; and
  - o applying the motion vector relative to the prediction-unit anchor position to obtain a prediction block.

[00154] In an embodiment, the tile identifier intended for deriving a motion vector anchor position is inferred to be same as the tile identifier for slice location information. The above-