

collocated picture, the source for motion vector prediction, or the source picture for motion vector prediction.

**[00103]** Motion parameter types or motion information may include but are not limited to one or more of the following types:

- 5       - an indication of a prediction type (e.g. intra prediction, uni-prediction, bi-prediction) and/or a number of reference pictures;
- an indication of a prediction direction, such as inter (a.k.a. temporal) prediction, inter-layer prediction, inter-view prediction, view synthesis prediction (VSP), and inter-component prediction (which may be indicated per reference picture and/or per  
10       prediction type and where in some embodiments inter-view and view-synthesis prediction may be jointly considered as one prediction direction) and/or
- an indication of a reference picture type, such as a short-term reference picture and/or a long-term reference picture and/or an inter-layer reference picture (which may be indicated e.g. per reference picture)
- 15       - a reference index to a reference picture list and/or any other identifier of a reference picture (which may be indicated e.g. per reference picture and the type of which may depend on the prediction direction and/or the reference picture type and which may be accompanied by other relevant pieces of information, such as the reference picture list or alike to which reference index applies);
- 20       - a horizontal motion vector component (which may be indicated e.g. per prediction block or per reference index or alike);
- a vertical motion vector component (which may be indicated e.g. per prediction block or per reference index or alike);
- one or more parameters, such as picture order count difference and/or a relative  
25       camera separation between the picture containing or associated with the motion parameters and its reference picture, which may be used for scaling of the horizontal motion vector component and/or the vertical motion vector component in one or more motion vector prediction processes (where said one or more parameters may be indicated e.g. per each reference picture or each reference index or alike);
- 30       - coordinates of a block to which the motion parameters and/or motion information applies, e.g. coordinates of the top-left sample of the block in luma sample units;
- extents (e.g. a width and a height) of a block to which the motion parameters and/or motion information applies.