(54) **GEOMETRIC PARTITION MODE IN VIDEO CODING**

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(57) **ABSTRACT**

A method of encoding or decoding video data includes determining that geometric partition mode is enabled for a current block of the video data, the geometric partition mode comprising a plurality of split modes that each defines an edge for partitioning; for each split mode among at least two of the plurality of split modes, determining a respective cost associated with a respective split mode; constructing, based on the respective costs associated with the respective split modes, a mapping list including index values respectively associated with values indicative of the respective split modes, where a lower index value is associated with a first split mode having a lower cost than a second split mode with a higher index value; determining a split mode amongst the plurality of split modes within the mapping list; and reconstructing a current block of the video data based on the split mode.