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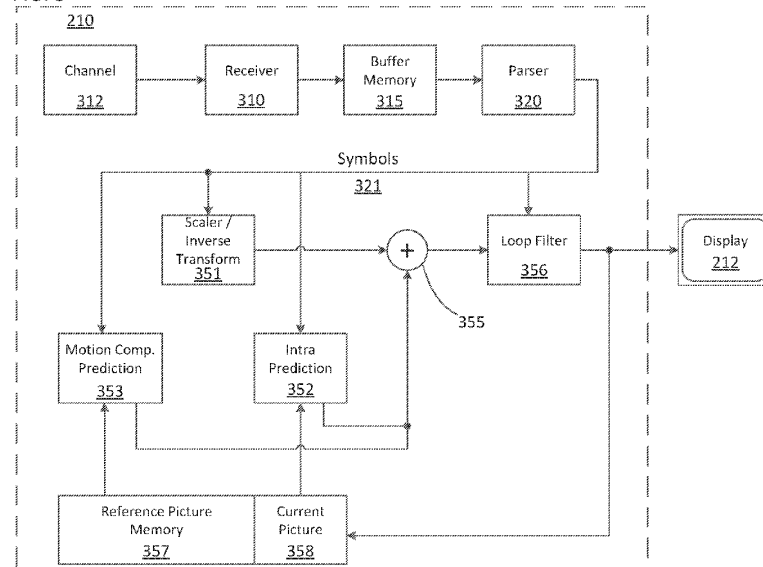
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(54) Title: TILE AND SUB-PICTURE PARTITIONING

FIG. 3



(57) Abstract: Systems and methods for decoding are provided, a method is performed by at least one processor to decode a sub-bitstream of a coded video stream, the coded video stream including a coded version of a first sub-picture and a second sub-picture of a picture, the method including decoding the first sub-picture of the picture, independently from the second sub-picture, using sub-picture and tile partitioning, wherein (i) the first sub-picture comprises a first rectangular region of the picture and the second sub-picture comprises a second rectangular region of the picture, the second rectangular region being different from the first rectangular region, (ii) the first sub-picture and the second sub-picture each include at least one tile, and (iii) the first sub-picture and the second sub-picture do not share a common tile.

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