SYNTAX FOR SUBPICTURE SIGNALING IN A VIDEO BITSTREAM

CROSS REFERENCE TO RELATED APPLICATIONS

[001] This application is a national phase of International Patent Application No. PCT/CN2020/119932, filed on October 09, 2020, which claims the priority to and benefits of International Patent Application No. PCT/CN2019/109809, filed on October 2, 2019. The entire disclosures of the aforementioned applications are incorporated by reference as part of the disclosure of this application.

TECHNICAL FIELD

[002] This document is related to video and image coding and decoding technologies.

BACKGROUND

[003] Digital video accounts for the largest bandwidth use on the internet and other digital communication networks. As the number of connected user devices capable of receiving and displaying video increases, it is expected that the bandwidth demand for digital video usage will continue to grow.

SUMMARY

[004] The disclosed techniques may be used by video or image decoder or encoder embodiments for in which sub-picture based coding or decoding is performed.

[005] In one example aspect a method of video processing is disclosed. The method includes performing a conversion between a video comprising one or more pictures and a bitstream representation of the video. The bitstream representation is required to conform to a format rule that specifies that each picture is coded as one or more slices, and wherein the format rule prohibits samples in a picture from not being covered by any of the one or more slices.

[006] In another example aspect a method of video processing is disclosed. The method includes determining, for a conversion between a picture of a video and a bitstream representation of the video, a manner of signaling information of one or more slices in the picture according to a rule that is associated a number of tiles or a number of bricks in the picture. The method also includes performing the conversion based on the determining.