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(54) **NESTED AND NON-NESTED SEI MESSAGES IN VIDEO BITSTREAMS**

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(57) **ABSTRACT**

Systems, methods and apparatus for encoding, decoding or transcoding digital video are described. One example method of video processing includes performing a conversion between a video and a bitstream of the video including multiple layers, wherein the bitstream includes a plurality of supplemental enhancement information, SEI, messages associated with an access unit, AU, or a decoding unit, DU, of a particular output layer set, OLS, or a particular layer, wherein the plurality of SEI messages, including a message type different from scalable nesting type, is based on a format rule, and wherein the format rule specifies that each of the plurality of SEI messages has a same SEI payload content due to the plurality of SEI messages being associated with the AU or the DU of the particular OLS or the particular layer.