

CLAIMS

1. A video decoding apparatus, the video decoding apparatus comprising:
a receiver that receives transmission unit data including an information about a current picture;

an inverse multiplexer which identifies whether the current picture is a first temporal layer access picture or a second temporal layer access picture based on a type syntax information included in the transmission unit data; and

an image decoder which decodes the identified current picture,

wherein, when the current picture is the first temporal layer access picture, a picture, which is decoded after the first temporal layer access picture and belongs to an upper temporal sub-layer than the first temporal layer access picture, is capable of referring to a picture decoded before the first temporal layer access picture, and

when the current picture is the second temporal layer access picture, a picture, which is decoded after the second temporal layer access picture and belongs to an upper temporal sub-layer than the second temporal layer access picture, is not capable of referring to a picture decoded before the second temporal layer access picture.