IMAGE SIGNAL DECODING APPARATUS, IMAGE SIGNAL DECODING METHOD, IMAGE SIGNAL ENCODING APPARATUS, IMAGE SIGNAL ENCODING METHOD, AND PROGRAM

ABSTRACT

The present invention relates to an image signal decoding apparatus, an image signal decoding method, an image signal encoding apparatus, an image signal encoding method, and a program that allow easy detection of picture boundaries of a Dependent stream on a bit stream.

On a bit stream, an AD (AU Delimiter) is placed at the start position of each AU (Access Unite), and a DD (Dependent Delimiter) is placed at a picture boundary of a Dependent stream. The beginning of a NAL unit is detected by detecting a start code, and a DD, that is, a picture boundary (beginning) of the Dependent stream, is detected by checking if the nal_unit_type value whose beginning has been detected is 18. The present invention can be applied to an apparatus that processes a stereoscopic image signal.

Fig. 16