ENCODING METHOD AND APPARATUS, DECODING METHOD AND APPARATUS AND RECORDING MEDIUM

ABSTRACT

An encoding method and apparatus and a decoding method and apparatus in which the encoded information is decreased in volume and in which the encoding and decoding operations are performed with a smaller processing volume and a smaller buffer memory capacity. The apparatus includes a low range signal splitting circuit for separating low-range side signal components from L and R channel signals converted by a transform circuit into spectral signal components, and a channel synthesis circuit for synthesizing (L+R) channel signal components from the L and R channel spectral signal components. The apparatus also includes a high range signal separating circuit for separating the high range side signal components from the (L+R) channel signal components, a signal component encoding circuit for compression-encoding low-range side signal components and a signal component encoding circuit for compression-encoding the normalization coefficient information obtained on normalization of the (L+R) channel high-range signal components.

FIGURE 9