

IMAGE CODING METHOD, IMAGE DECODING METHOD, IMAGE
5 CODING APPARATUS, IMAGE DECODING APPARATUS, AND IMAGE
CODING AND DECODING APPARATUS

ABSTRACT

10 An image coding method includes (S801) coding a motion
vector difference indicating a difference between the motion vector
and a predicted motion vector, wherein the coding (S801) includes:
coding a first portion that is a part of a first component which is one
of a horizontal component and a vertical component of the motion
15 vector difference; coding a second portion that is a part of a second
component which is different from the first component and is the
other one of the horizontal component and the vertical component;
coding a third portion that is a part of the first component and is
different from the first portion; coding a fourth portion that is a part
20 of the second component and is different from the second portion;
and generating a code string which includes the first portion, the
second portion, the third portion, and the fourth portion in the stated
order.

25 Figure 15B