ABSTRACT

IMAGE CODING DEVICE, IMAGE DECODING DEVICE, IMAGE CODING METHOD, AND IMAGE DECODING METHOD

When a coding mode selected by an encoding controlling part 1 is an intra prediction mode, an intra prediction part 4 carries out an intra-frame prediction process using pixels adjacent to a partition P_i^n which is generated through a division by a block dividing part 2 or pixels adjacent to a higher layer partition P_i^{n-1} to which the partition P_i^n belongs to generate a prediction image (P_i^n).

Figure 1