ABSTRACT

IMAGE PROCESSING APPARATUS MINIMIZING BLIND-SPOT BY EXPANDING FIELD OF VIEW FOR SURROUND VIEW IMAGE

The present invention relates to an image processing apparatus for surround view images, wherein the image processing device for surround view images includes a coordinate transformation table creation part comprising a field of view (FOV) expansion module for transforming coordinates of virtual data pixels corresponding to shooting data into 3D mesh coordinates, changing the position of the 3D mesh coordinates to an expanded position in the direction of a 180-degree FOV boundary line, and generating 3D expanded mesh coordinates.

FIG. 1