

# EXTERNAL FIELD RESPONSE DISTRIBUTION VISUALIZATION DEVICE AND EXTERNAL FIELD RESPONSE DISTRIBUTION VISUALIZATION METHOD

[ABSTRACT]

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10 An external field response distribution visualization device (100) includes: an induction circuit (110) that induces a first field component from each of induction positions; a sensor (130) that senses a field strength at sensing positions for each of the induction  
15 positions; and an information processing circuit (150) that generates an image showing an external field response distribution. The information processing circuit (150): calculates, using the sensing result as a boundary condition, an induction position dependent field function that takes an induction and sensing positions as inputs and  
20 outputs the field strength; calculates an imaging function that takes an imaging target position as an input and outputs an image intensity, and is defined based on the strength output from the induction position dependent field function in response to inputting the imaging target position; and generates the image based on the imaging function.

Fig. 1