

Title (en)  
IMAGE RECORDING AND COLOR MEASURING SYSTEM

Title (de)  
BILDAUFNAHME- UND FARBMESSSYSTEM

Title (fr)  
SYSTÈME DE PRISE DE VUE ET DE COLORIMÉTRIE

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Application  
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Abstract (en)  
[origin: WO2009129795A1] The present invention relates to an image recording and color measuring system for recording of image data and color data of a surface of an object (20). The image recording and color measuring apparatus features at least one camera module (3) comprising a line sensor and with an associated, first lens (3') for bundling of light beams, and one or a plurality of color sensors (4) with one associated, second lens (5). From one particular point of the surface of the object (20) image data are recorded simultaneously by the camera module (3) and measured color data are recorded by the one or several color sensors (4) and a plurality of image data and color data of individual points are processed into a totality of image and color data. The invention further relates to an image recording and color measuring system which has a plurality of image recording and color measuring devices which are arranged side by side or opposite each other in a housing (10). In addition, methods are disclosed for image recording and color measurement of image data and color data of a surface of an object (20) which use an image recording and color measuring apparatus or an image recording and color measuring system.

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