

Title (en)
METHOD FOR THE THREE-DIMENSIONAL MEASUREMENT OF A SURFACE

Title (de)
VERFAHREN ZUR DREIDIMENSIONALEN MESSUNG EINER OBERFLÄCHE

Title (fr)
PROCEDE DE MESURE TRIDIMENSIONNELLE D'UNE SURFACE

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Abstract (en)
[origin: WO03052347A2] The invention relates to a method for the three-dimensional measurement of a surface (46) of an object (48, 84) by the autofocus principle, using a co-ordinate measuring device (10). According to the invention, a high resolution description of three-dimensional surfaces can be achieved, whereby the measured region (32) is divided into partial regions (1, 2, 3, 4, 5, 6, 7, 8, 9) and the contrast for each partial region determined simultaneously or essentially simultaneously for each partial region during the progress of an optical sensor (28) along the optical axis thereof (50).

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