

Title (en)  
COMPUTER-IMPLEMENTED METHOD FOR MEASURING AN OBJECT

Title (de)  
COMPUTERIMPLEMENTIERTES VERFAHREN ZUR MESSUNG EINES OBJEKTS

Title (fr)  
PROCÉDÉ DE MESURE D'UN OBJET MIS EN OEUVRE PAR ORDINATEUR

Publication  
**EP 4150567 A1 20230322 (DE)**

Application  
**EP 21726556 A 20210428**

Priority  
• DE 102020112650 A 20200511  
• EP 2021061100 W 20210428

Abstract (en)  
[origin: WO2021228551A1] The invention relates to a method for measuring an object, comprising the following steps: acquiring (102) measurement data by means of a device for measuring the object, the measurement data generating a digital representation of the object including a plurality of image data; and carrying out (104) the following steps, at least before the step of acquisition (102) has been completed: analysing (106) at least one part of the digital representation in order to identify defects; if at least one defect is identified in the analysed part of the digital representation, determining (108) at least one conformity result relating to the analysed part of the digital representation, the conformity result indicating to what extent the analysed at least one part of the digital representation with the determined defect meets at least one predefined conformity criterion for the object; and if no defect is identified in the analysed part of the digital representation and sufficient measurement data was acquired to determine that the analysed part of the digital representation meets the at least one conformity criterion, generating (110) a conformity result relating to the analysed part of the digital representation, the conformity result indicating that the at least one predefined conformity criterion is met for the object; and adapting (112) the step of acquisition (102), taking into consideration the conformity result.

IPC 8 full level  
**G06T 7/00** (2006.01)

CPC (source: EP US)  
**G06T 7/0004** (2013.01 - EP); **G06T 7/0006** (2013.01 - US); **G06T 7/60** (2013.01 - US); **G06V 10/25** (2022.01 - US);  
**G06T 2207/10028** (2013.01 - EP); **G06T 2207/10081** (2013.01 - EP); **G06T 2207/10116** (2013.01 - EP US); **G06T 2207/30164** (2013.01 - EP US)

Citation (search report)  
See references of WO 2021228551A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**DE 102020112650 A1 20211111**; CN 116057569 A 20230502; EP 4150567 A1 20230322; US 2023196546 A1 20230622;  
WO 2021228551 A1 20211118

DOCDB simple family (application)  
**DE 102020112650 A 20200511**; CN 202180048819 A 20210428; EP 2021061100 W 20210428; EP 21726556 A 20210428;  
US 202117924092 A 20210428