

Title (en)

DATA INTEGRATION AND REGISTRATION METHOD AND APPARATUS FOR NON-DESTRUCTIVE EVALUATION OF MATERIALS

Title (de)

VERFAHREN ZUR INTEGRATION UND AUFZEICHNUNG UND GERÄT FÜR DIE ZERSTÖRUNGSFREIE AUSWERTUNG VON MATERIALEN

Title (fr)

PROCEDE ET APPAREIL D'INTEGRATION ET D'ENREGISTREMENT DE DONNEES POUR UNE EVALUATION NON DESTRUCTIVE DE SUBSTANCES

Publication

**EP 1064789 A1 20010103 (EN)**

Application

**EP 99911002 A 19990225**

Priority

- US 9904206 W 19990225
- US 7592098 P 19980225

Abstract (en)

[origin: WO9944366A1] A method and apparatus for non-destructive testing and evaluation of part samples include obtaining a defect image of the sample (202), displaying the defect image on a display (204), referencing the defect image (206), such as through marking or annotation, to highlight locations at which defects or measurements are found, superimposing the defect image onto a live image of the part (208), and physically marking/annotating the part, tracing the marks from the defect image onto the physical sample, while viewing the live image (210). The method is particularly useful for detecting subsurface defects in a sample via thermographic techniques.

IPC 1-7

**H04N 7/18**

IPC 8 full level

**G01N 21/88** (2006.01); **G01N 25/72** (2006.01); **G06T 3/00** (2006.01); **G06T 7/00** (2006.01); **H04N 7/18** (2006.01)

CPC (source: EP)

**G01N 25/72** (2013.01); **G06T 7/0004** (2013.01); **G06T 7/30** (2016.12); **H04N 7/181** (2013.01)

Cited by

CN107192759A

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

Designated extension state (EPC)

AL LT LV MK RO SI

DOCDB simple family (publication)

**WO 9944366 A1 19990902**; AU 2974899 A 19990915; EP 1064789 A1 20010103; EP 1064789 A4 20070523; JP 2002505436 A 20020219

DOCDB simple family (application)

**US 9904206 W 19990225**; AU 2974899 A 19990225; EP 99911002 A 19990225; JP 2000534006 A 19990225