

Title (en)

METHOD FOR MEASURING A SHAPE ANOMALY ON AN AIRCRAFT STRUCTURAL PANEL AND SYSTEM THEREFOR

Title (de)

VERFAHREN ZUR MESSUNG VON FORMANOMALIE EINER FLUGZEUGSTRUKTURPLATTE UND SYSTEM DAFÜR

Title (fr)

PROCEDE DE MESURE D'UNE ANOMALIE DE FORME SUR UN PANNEAU D'UNE STRUCTURE D'AERONEF ET SYSTEME DE MISE EN OEUVRE

Publication

EP 1907790 A2 20080409 (FR)

Application

EP 06794496 A 20060724

Priority

- FR 2006050744 W 20060724
- FR 0552319 A 20050726

Abstract (en)

[origin: WO2007012781A2] The invention concerns a method for measuring a shape anomaly (6) on an aircraft structural panel, including the following operations: projecting a target pattern at the site of the anomaly (6) on the panel (5); producing at least two images of said projected pattern; processing said two images by stereocorrelation to obtain measurements of the anomaly. The invention also concerns a system for implementing said method, comprising: a projecting device (3) for projecting a target pattern at the site of the anomaly (6) on the panel (5); at least two imaging devices (2a, 2b) for producing each an image of the target pattern; and means for processing said target pattern images.

IPC 8 full level

G01B 11/25 (2006.01)

CPC (source: EP US)

G01B 11/167 (2013.01 - EP US); **G01B 11/2545** (2013.01 - EP US)

Citation (search report)

See references of WO 2007012781A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2007012781 A2 20070201; WO 2007012781 A3 20070315; BR PI0614448 A2 20110329; CA 2615847 A1 20070201; CN 101233387 A 20080730; CN 101233387 B 20120822; EP 1907790 A2 20080409; FR 2889303 A1 20070202; FR 2889303 B1 20080711; JP 2009506920 A 20090219; RU 2008106924 A 20090910; RU 2414683 C2 20110320; US 2009220143 A1 20090903

DOCDB simple family (application)

FR 2006050744 W 20060724; BR PI0614448 A 20060724; CA 2615847 A 20060724; CN 200680027454 A 20060724; EP 06794496 A 20060724; FR 0552319 A 20050726; JP 2008523425 A 20060724; RU 2008106924 A 20060724; US 99707206 A 20060724