

Title (en)
DEVICE AND METHOD FOR MEASURING THE SURFACE OF A BODY

Title (de)
VORRICHTUNG UND VERFAHREN ZUR VERMESSUNG DER OBERFLÄCHE EINES KÖRPERS

Title (fr)
DISPOSITIF ET PROCEDE POUR REALISER DES MESURES A LA SURFACE D'UN CORPS

Publication
EP 1957935 A1 20080820 (DE)

Application
EP 06829444 A 20061208

Priority
• EP 2006011848 W 20061208
• DE 102005058873 A 20051209

Abstract (en)
[origin: WO2007065704A1] The invention relates to a sheet-of-light imaging method. A first (114) and a second measuring light projection onto a surface of an object (110) to be measured can be unambiguously identified by a camera (106) as the first (114) or second measuring light projection if a supporting device (108) operates the camera (102) and/or the measuring light projectors (102; 104) in such a manner that after every sheet-of-light imaging of the camera (106) either the first (114) or the second measuring light projection is visible for the camera (106). Unambiguous identification allows evaluation by means of one camera (106) of a plurality of measuring light projections that physically overlap and that are not exactly aligned in relation to each other.

IPC 8 full level
G01B 11/25 (2006.01)

CPC (source: EP US)
G01B 11/245 (2013.01 - EP US); **G01B 11/2509** (2013.01 - EP US)

Citation (search report)
See references of WO 2007065704A1

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)
DE 102005058873 A1 20070614; CA 2632724 A1 20070614; CA 2632724 C 20120918; EP 1957935 A1 20080820;
US 2008273211 A1 20081106; US 7843574 B2 20101130; WO 2007065704 A1 20070614

DOCDB simple family (application)
DE 102005058873 A 20051209; CA 2632724 A 20061208; EP 06829444 A 20061208; EP 2006011848 W 20061208; US 9640806 A 20061208