

Title (en)

AN ARRANGEMENT AND A METHOD FOR GAUGING A DISTANCE BETWEEN SURFACES OF AN OBJECT

Title (de)

VERFAHREN UND VORRICHTUNG ZUM MESSEN DER DISTANZ ZWISCHEN OBERFLACHEN EINES OBJEKTES

Title (fr)

DISPOSITIF ET PROCEDE SERVANT A ETALONNER UNE DISTANCE ENTRE DES SURFACES D'UN OBJET

Publication

EP 1070228 A1 20010124 (EN)

Application

EP 99913795 A 19990317

Priority

- SE 9900410 W 19990317
- SE 9800962 A 19980320

Abstract (en)

[origin: WO9949278A1] The present invention relates to a method and an arrangement for gauging a distance between at least two surfaces of an object (11), the arrangement including illumination means (15, 16, 20) arranged to illuminate each of said at least two surfaces, at least one optical element (17, 29, 30) arranged to project reflections from each surface onto a sensor (18). The optical element (17, 29, 30) is arranged in a section in front of said sensor to direct scattered illumination rays (37), directly incident from said at least two surfaces onto said sensor and generate a representation of the distance between said at least two surfaces of the object (11).

IPC 1-7

G01B 11/06

IPC 8 full level

G01B 11/06 (2006.01)

CPC (source: EP)

G01B 11/06 (2013.01)

Citation (search report)

See references of WO 9949278A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 9949278 A1 19990930; WO 9949278 A8 20000316; AU 3178699 A 19991018; EP 1070228 A1 20010124; SE 514004 C2 20001211; SE 9800962 D0 19980320; SE 9800962 L 19990921

DOCDB simple family (application)

SE 9900410 W 19990317; AU 3178699 A 19990317; EP 99913795 A 19990317; SE 9800962 A 19980320