

Title (en)

METHOD AND DEVICE FOR DETECTING AN OBJECT POINT ON A OBJECT

Title (de)

VERFAHREN UND VORRICHTUNG ZUM ERMITTTELN EINES OBJEKTPUNKTES AN EINEM OBJEKT

Title (fr)

PROCEDE ET DISPOSITIF DE DETECTION D'UN POINT D'OBJET SUR UN OBJET

Publication

**EP 1397642 A1 20040317 (DE)**

Application

**EP 02758258 A 20020621**

Priority

- DE 10129496 A 20010621
- DE 10139945 A 20010821
- EP 0206898 W 20020621

Abstract (en)

[origin: WO03001149A1] The invention relates to a method and a device for detecting an object point (12) on an object (14) such as a work piece or a tool, by means of a sensor (16). In order to obtain an extremely precise measurement at a high measuring speed, a first detection of the object point (12) is carried out by displacing the sensor (16) in the direction of the object (14) at a first speed V1 and a second detection of the object point (12) is carried out by moving the sensor (16) away from the object (14) at a second speed V2, the actual measured value being determined by the second object point detection.

IPC 1-7

**G01B 21/04; G05B 19/401**

IPC 8 full level

**G01B 21/00** (2006.01); **G01B 21/04** (2006.01)

CPC (source: EP US)

**G01B 21/045** (2013.01 - EP US)

Citation (search report)

See references of WO 03001149A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**WO 03001149 A1 20030103**; EP 1397642 A1 20040317; JP 2004522166 A 20040722; US 2004162699 A1 20040819

DOCDB simple family (application)

**EP 0206898 W 20020621**; EP 02758258 A 20020621; JP 2003507500 A 20020621; US 47950803 A 20031210