

Title (en)

ROBOT SYSTEM EQUIPPED WITH A TOOL, CAMERA AND LIGHT SOURCE

Title (de)

ROBOTERSYSTEM MIT WERKZEUG, KAMERA UND LICHTQUELLE

Title (fr)

SYSTEME DE ROBOT PRESENTANT DES OUTILS, UNE CAMERA ET UNE SOURCE LUMINEUSE

Publication

EP 1725378 A1 20061129 (DE)

Application

EP 05700859 A 20050113

Priority

- EP 2005000241 W 20050113
- DE 102004005574 A 20040205

Abstract (en)

[origin: DE102004005574B3] The robot system has one or more tools (5,15) for manipulations on a workpiece (6), a camera (9) for detecting geometric properties of the workpiece and a light source (13) for illuminating the field of view of the camera. The light source and the camera are independently movable in order to illuminate the field of view from different directions.

IPC 8 full level

B25J 19/02 (2006.01); **B25J 9/16** (2006.01); **B25J 19/04** (2006.01); **G06T 1/00** (2006.01); **F21Y 101/00** (2016.01)

CPC (source: EP US)

B25J 9/1697 (2013.01 - EP US); **B25J 19/023** (2013.01 - EP US); **B25J 19/04** (2013.01 - EP US); **G06T 1/0014** (2013.01 - EP US)

Citation (search report)

See references of WO 2005075158A1

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

DE 102004005574 B3 20050714; EP 1725378 A1 20061129; JP 2007527800 A 20071004; US 2008316306 A1 20081225; WO 2005075158 A1 20050818

DOCDB simple family (application)

DE 102004005574 A 20040205; EP 05700859 A 20050113; EP 2005000241 W 20050113; JP 2006551743 A 20050113; US 58855705 A 20050113