

Title (en)

METHOD FOR EFFECTING THE MOVEMENT OF A HANDLING DEVICE AND IMAGE PROCESSING DEVICE

Title (de)

VERFAHREN ZUR EINRICHTUNG EINER BEWEGUNG EINES HANDHABUNGSGERÄTS UND BILDVERARBEITUNG

Title (fr)

PROCEDE POUR IMPRIMER UN MOUVEMENT A UN APPAREIL DE MANUTENTION ET DISPOSITIF DE TRAITEMENT D'IMAGE

Publication

EP 1675709 A2 20060705 (DE)

Application

EP 04790671 A 20041020

Priority

- EP 2004011863 W 20041020
- DE 10349221 A 20031020

Abstract (en)

[origin: WO2005039836A2] A method for effecting the movement of a handling device with at least one actuating member which can be moved by means of a control device about one or several axes, wherein a) an optically recognizable object and a course of movement is indicated to the control device of the handling device or an image processing device, b) the area of movement and/or working area of the handling device is captured using a camera, c) the image thus captured is evaluated with an image processing device such that the predefined object is recognized and the position and/or state of movement thereof is determined, especially in relation to the handling device, d) the control or image processing device calculates a control command for one or several actuators of the handling device from the position and/or state of movement of the recognized object and the course of movement in relation to the object, e) the control device issues a control command to each actuator to be moved according to said control command, and f) steps b) to e) are carried out once more. The invention also relates to a corresponding image processing device.

IPC 1-7

B25J 9/16

IPC 8 full level

B25J 9/16 (2006.01)

CPC (source: EP US)

B25J 9/1697 (2013.01 - EP US); **G05B 2219/36412** (2013.01 - EP US); **G05B 2219/37555** (2013.01 - EP US); **G05B 2219/39387** (2013.01 - EP US); **G05B 2219/39391** (2013.01 - EP US); **G05B 2219/40546** (2013.01 - EP US); **G05B 2219/40555** (2013.01 - EP US); **G05B 2219/40604** (2013.01 - EP US)

Citation (search report)

See references of WO 2005039836A2

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 2005039836 A2 20050506; **WO 2005039836 A3 20051124**; EP 1675709 A2 20060705; US 2007216332 A1 20070920

DOCDB simple family (application)

EP 2004011863 W 20041020; EP 04790671 A 20041020; US 57612904 A 20041020