

Title (en)

Systems and methods for manipulating objects

Title (de)

Systeme und Verfahren zum Handhaben von Gegenständen

Title (fr)

Systèmes et procédés pour manipuler des objets

Publication

**EP 2586566 A1 20130501 (EN)**

Application

**EP 12189851 A 20121024**

Priority

US 201161550558 P 20111024

Abstract (en)

The invention relates to integrated systems and corresponding computer interfaces and parts of such systems for manipulating 3D physical objects, such manipulating including (as part of pre-processing) orientating or positioning, (post-) processing of objects as part of a treatment of said objects, and in particular relates to devices such as holders, for use with such systems, the related methods and software (and related data structures) for use with and/or embedded in such systems to realize such methods. The invention provides for means and approaches for handling complex manipulation steps by enabling use of viewing methods suited therefore while providing an integrated approach wherein identification of holders whereon objects are fixed on gets combined with position data, exchanged to avoid human errors.

IPC 8 full level

**B24B 9/16** (2006.01); **B28D 5/00** (2006.01)

CPC (source: EP)

**B28D 5/0088** (2013.01)

Citation (applicant)

- EP 0347253 A2 19891220 - HARGEM LTD [IL], et al
- WO 2006087702 A1 20060824 - DIALIT LTD [IL], et al
- WO 9619318 A1 19960627 - WETENSCHAPPELIJK EN TECH ONDER [BE], et al

Citation (search report)

- [XY] WO 2004105999 A1 20041209 - PATEL ARVINDBHAI LAVJIBHAI [IN]
- [Y] WO 2009083556 A2 20090709 - PAUL WILD OHG [DE], et al
- [A] GB 2471712 A 20110112 - DE BEERS CENTENARY AG [CH]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 2586566 A1 20130501**

DOCDB simple family (application)

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