

Title (en)

METHOD FOR TRANSFERRING AT LEAST ONE MICROMETER OR MILLIMETRE-SIZED OBJECT BY MEANS OF A POLYMER HANDLE

Title (de)

VERFAHREN ZUR ÜBERTRAGUNG VON MINDESTENS EINEM OBJEKT IN MIKROMETER- ODER MILLIMETERGRÖSSE MITTELS EINES POLYMERGRIFFS

Title (fr)

PROCEDE DE TRANSFERT D'AU MOINS UN OBJET DE TAILLE MICROMETRIQUE OU MILLIMETRIQUE AU MOYEN D'UNE POIGNEE EN POLYMERE

Publication

EP 1803152 A2 20070704 (FR)

Application

EP 05815527 A 20051018

Priority

- FR 2005050863 W 20051018
- FR 0452393 A 20041021

Abstract (en)

[origin: WO2006043000A2] The invention relates to a method for transferring at least one micrometer or millimeter sized object to a reception substrate by means of a handle. The inventive method consists in fixing a polymer handle to said object in such a way that a deformable structure consisting of the superimposed handle and object is obtainable, in preparing the surface of the object face which is opposite to the handle for the adhesion thereof to the reception substrate face, in bringing said object face into contact with said reception substrate face, adhering it thereto after the deformation at least of the handle and in removing the polymer handle.

IPC 8 full level

H01L 21/68 (2006.01)

CPC (source: EP US)

H01L 21/561 (2013.01 - EP US); **H01L 21/568** (2013.01 - EP US); **H01L 21/67132** (2013.01 - EP US); **H01L 21/6835** (2013.01 - EP US); **H01L 21/6836** (2013.01 - EP US); **H01L 24/29** (2013.01 - EP US); **H01L 24/83** (2013.01 - EP US); **H01L 24/96** (2013.01 - EP US); **H01L 2221/68322** (2013.01 - EP US); **H01L 2221/68327** (2013.01 - EP US); **H01L 2221/68354** (2013.01 - EP US); **H01L 2221/68359** (2013.01 - EP US); **H01L 2221/68368** (2013.01 - EP US); **H01L 2224/2919** (2013.01 - EP US); **H01L 2224/8385** (2013.01 - EP US); **H01L 2224/83894** (2013.01 - EP US); **H01L 2924/01005** (2013.01 - EP US); **H01L 2924/01006** (2013.01 - EP US); **H01L 2924/01015** (2013.01 - EP US); **H01L 2924/01019** (2013.01 - EP US); **H01L 2924/01023** (2013.01 - EP US); **H01L 2924/01033** (2013.01 - EP US); **H01L 2924/01047** (2013.01 - EP US); **H01L 2924/01049** (2013.01 - EP US); **H01L 2924/01057** (2013.01 - EP US); **H01L 2924/01058** (2013.01 - EP US); **H01L 2924/01061** (2013.01 - EP US); **H01L 2924/01074** (2013.01 - EP US); **H01L 2924/01079** (2013.01 - EP US); **H01L 2924/0132** (2013.01 - EP US); **H01L 2924/01322** (2013.01 - EP US); **H01L 2924/0665** (2013.01 - EP US); **H01L 2924/07802** (2013.01 - EP US); **H01L 2924/14** (2013.01 - EP US)

Citation (search report)

See references of WO 2006043000A2

Citation (examination)

- INTERNET CITATION: "Rubber Selection- a Guide to Outline Properties", 2 September 2003 (2003-09-02), Retrieved from the Internet <URL:http://web.archive.org/web/20030902074453/http://www.merl-ltd.co.uk/2003_materials/rubber12.shtml> [retrieved on 20091120]
- JIANG H. ET AL: "Finite deformation mechanics in buckled thin films on compliant support", PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCE OF THE UNITED STATES OF AMERICA, vol. 104, no. 40, 2 October 2007 (2007-10-02), pages 15607 - 15612

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 LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

FR 2877142 A1 20060428; **FR 2877142 B1 20070511**; EP 1803152 A2 20070704; JP 2008517474 A 20080522; US 2008020547 A1 20080124; WO 2006043000 A2 20060427; WO 2006043000 A3 20061221

DOCDB simple family (application)

FR 0452393 A 20041021; EP 05815527 A 20051018; FR 2005050863 W 20051018; JP 2007537349 A 20051018; US 57613605 A 20051018