

Title (en)  
METHODS AND APPLICATIONS OF NON-PLANAR IMAGING ARRAYS

Title (de)  
VERFAHREN UND ANWENDUNGEN FÜR NICHTPLANARE BILDARRAYS

Title (fr)  
PROCÉDÉS ET APPLICATIONS DE MOSAÏQUES D'IMAGERIE NON PLANES

Publication  
**EP 2386117 A2 20111116 (EN)**

Application  
**EP 10729657 A 20100112**

Priority

- US 2010020742 W 20100112
- US 61692209 A 20091112
- US 15690609 P 20090303
- US 14414909 P 20090112
- US 63607109 A 20091211
- US 57500809 A 20091007

Abstract (en)  
[origin: WO2010081137A2] System, devices and methods are presented that provide an imaging array fabrication process method, comprising fabricating an array of semiconductor imaging elements, interconnecting the elements with stretchable interconnections, and transfer printing the array with a pre-strained elastomeric stamp to a secondary non-planar surface.

IPC 8 full level  
**H01L 27/146** (2006.01)

CPC (source: EP)  
**H01L 25/042** (2013.01); **H01L 27/14685** (2013.01); **H01L 2224/24137** (2013.01); **H01L 2224/82** (2013.01); **H01L 2224/83** (2013.01); **H01L 2924/0002** (2013.01); **H01L 2924/3011** (2013.01); **H01L 2924/3512** (2013.01)

Designated contracting state (EPC)  
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 SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2010081137 A2 20100715; WO 2010081137 A3 20101104**; EP 2386117 A2 20111116; EP 2386117 A4 20171227; JP 2012515436 A 20120705; JP 2016006880 A 20160114

DOCDB simple family (application)  
**US 2010020742 W 20100112**; EP 10729657 A 20100112; JP 2011545508 A 20100112; JP 2015137245 A 20150708