

Title (en)

BREAST IMPLANT WITH ANALYTE SENSORS AND INTERNAL POWER SOURCE

Title (de)

BRUSTIMPLANT MIT ANALYTSENSOREN UND INTERNER ENERGIEQUELLE

Title (fr)

IMPLANT MAMMAIRE COMPRENNANT DES CAPTEURS D'ANALYTE ET UNE SOURCE D'ÉNERGIE INTERNE

Publication

**EP 2861185 A4 20151216 (EN)**

Application

**EP 13805188 A 20130611**

Priority

- US 201213495212 A 20120613
- US 201213495252 A 20120613
- US 201213495275 A 20120613
- US 201213495288 A 20120613
- US 201213495299 A 20120613
- US 201213495310 A 20120613
- US 2013045206 W 20130611

Abstract (en)

[origin: WO2013188425A2] Breast implants including sensor modules and related methods are described herein. Breast implants include those with: a shell configured to be substantially filled with a viscous material; a plurality of sensor modules attached to the shell, the sensor modules oriented to detect one or more analytes in a fluid adjacent to the shell, the sensor modules positioned at a distance from each other, wherein each of the plurality of sensor modules includes a unique identifier; and at least one power source operably attached to the plurality of sensor modules.

IPC 8 full level

**A61F 2/12** (2006.01); **A61B 5/00** (2006.01); **A61B 5/07** (2006.01); **A61B 5/145** (2006.01)

CPC (source: EP)

**A61B 5/0031** (2013.01); **A61B 5/07** (2013.01); **A61B 5/14503** (2013.01); **A61B 5/14546** (2013.01); **A61B 5/4312** (2013.01);  
**A61B 5/686** (2013.01); **A61F 2/12** (2013.01); **A61B 2560/0214** (2013.01); **A61B 2560/0219** (2013.01); **A61B 2562/08** (2013.01);  
**A61F 2250/0002** (2013.01)

Citation (search report)

- [XY] US 2006111632 A1 20060525 - CHEN RICHARD D [US]
- [XY] WO 2008055229 A2 20080508 - NOVALERT INC [US], et al
- [Y] WO 2008014283 A2 20080131 - THERANOVA LLC [US], et al
- See references of WO 2013188425A2

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

DOCDB simple family (publication)

**WO 2013188425 A2 20131219**; **WO 2013188425 A3 20140313**; EP 2861184 A2 20150422; EP 2861184 A4 20151209;  
EP 2861184 B1 20180718; EP 2861185 A2 20150422; EP 2861185 A4 20151216; WO 2013188430 A2 20131219; WO 2013188430 A3 20140306

DOCDB simple family (application)

**US 2013045206 W 20130611**; EP 13804116 A 20130611; EP 13805188 A 20130611; US 2013045212 W 20130611