

Title (en)  
RESPONSIVE HYDROGEL FOR THE DETECTION OF BIOMOLECULES

Title (de)  
RESPONSIVES HYDROGEL FÜR DEN NACHWEIS VON BIOMOLEKÜLEN

Title (fr)  
HYDROGEL SENSIBLE POUR METTRE EN ÉVIDENCE DES BIOMOLÉCULES

Publication  
**EP 3092068 A1 20161116 (DE)**

Application  
**EP 14815644 A 20141212**

Priority  
• DE 102014200135 A 20140108  
• EP 2014077554 W 20141212

Abstract (en)  
[origin: WO2015104139A1] The present invention relates to a responsive hydrogel which is chemically cross-linked, has a porous photonic crystal structure and contains biomolecule-specific detection groups.

IPC 8 full level  
**B01J 13/00** (2006.01)

CPC (source: EP US)  
**B01J 13/0065** (2013.01 - EP US); **C08J 3/075** (2013.01 - US); **G01N 33/544** (2013.01 - US); **C08J 2300/14** (2013.01 - US);  
**C08J 2333/06** (2013.01 - US)

Citation (search report)  
See references of WO 2015104139A1

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)  
**DE 102014200135 A1 20150709**; EP 3092068 A1 20161116; US 2017003281 A1 20170105; WO 2015104139 A1 20150716

DOCDB simple family (application)  
**DE 102014200135 A 20140108**; EP 14815644 A 20141212; EP 2014077554 W 20141212; US 201415109248 A 20141212