

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)

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Designated extension state (EPC)

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

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