



(12) **CORRECTED EUROPEAN PATENT SPECIFICATION**

(15) Correction information:  
**Corrected version no 1 (W1 B1)**  
**Corrections, see**  
**Bibliography INID code(s) 72, 73**

(51) Int Cl.:  
**G01N 33/53 (2006.01)**

(86) International application number:  
**PCT/EP2013/060813**

(48) Corrigendum issued on:  
**26.04.2017 Bulletin 2017/17**

(87) International publication number:  
**WO 2013/178559 (05.12.2013 Gazette 2013/49)**

(45) Date of publication and mention  
of the grant of the patent:  
**28.12.2016 Bulletin 2016/52**

(21) Application number: **13725646.7**

(22) Date of filing: **24.05.2013**

(54) **METHOD FOR THE DETECTION OF GLYCANS USING POLYPEPTIDES COMPRISING THE CD301 CARBOHYDRATE RECOGNITION DOMAIN**

VERFAHREN ZUM NACHWEIS VON GLYCANEN UNTER VERWENDUNG VON POLYPEPTIDEN  
UMFASSEND DEN CD301 KOHLENHYDRAT-ERKENNUNGSDOMÄN

PROCÉDÉ DE DÉTECTION DE GLYCANES UTILISANT DES POLYPEPTIDES COMPRENANT LE  
DOMAINE DE RECONNAISSANCE D'HYDRATES DE CARBONE DE CD301

(84) Designated Contracting States:  
**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**

(30) Priority: **28.05.2012 EP 12004109**

(43) Date of publication of application:  
**08.04.2015 Bulletin 2015/15**

(73) Proprietors:  
• **Wagener, Christoph**  
**22763 Hamburg (DE)**  
• **Nollau, Peter**  
**20146 Hamburg (DE)**  
• **Niendorf, Axel**  
**22767 Hamburg (DE)**

(72) Inventors:  
• **WAGENER, Christoph**  
**22763 Hamburg (DE)**  
• **NOLLAU, Peter**  
**20146 Hamburg (DE)**

• **NIENDORF, Axel**  
**22767 Hamburg (DE)**

(74) Representative: **Uexküll & Stolberg**  
**Partnerschaft von**  
**Patent- und Rechtsanwälten mbB**  
**Beselerstraße 4**  
**22607 Hamburg (DE)**

(56) References cited:  
**WO-A2-2008/007960**

• **SUZUKI N. ET AL.:** "Molecular cloning and  
expression of cDNA encoding human  
macrophage C-type lectin: Its unique  
carbohydrate binding specificity for Tn antigen",  
**J. IMMUNOL.**, vol. 156, no. 1, 1 January 1996  
(1996-01-01), pages 128-135, XP002046614,  
• **WAGENER C. ET AL.:** "Posttranslational  
modifications in tumor diagnosis", **CLIN. CHEM.**  
**LAB. MED.**, vol. 46, no. Suppl. 1, May 2011  
(2011-05), page S9, XP009164779,

Note: Within nine months of the publication of the mention of the grant of the European patent in the European Patent Bulletin, any person may give notice to the European Patent Office of opposition to that patent, in accordance with the Implementing Regulations. Notice of opposition shall not be deemed to have been filed until the opposition fee has been paid. (Art. 99(1) European Patent Convention).

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>• NOLLAU P. ET AL.: "Protein domain histochemistry (PDH): binding of the carbohydrate recognition domain (CRD) of recombinant human glycoreceptor CLEC10A (CD301) to formalin-fixed, paraffin-embedded breast cancer tissues", J. HISTOCHEM. CYTOCHEM., vol. 61, no. 3, March 2013 (2013-03), pages 199-205, XP9171781,</li> <li>• MORTEZAI N. ET AL.: "Tumor-associated Neu5Ac-Tn and Neu5Gc-Tn antigens bind to C-type lectin CLEC10A (CD301, MGL)", GLYCOBIOLOGY, vol. 23, no. 7, July 2013 (2013-07), pages 844-852, XP55074447, [retrieved on 2013-03-18]</li> </ul> | <ul style="list-style-type: none"> <li>• JOHANSSON M.E.V. ET AL.: "The two mucus layers of colon are organized by the MUC2 mucin, whereas the outer layer is a legislator of host-microbial interactions", PROC. NAT. ACAD. SCI. USA, vol. 108, no. Suppl. 1, March 2011 (2011-03), pages 4659-4665,</li> </ul> |
|--|---|