



(11) **EP 2 021 794 B8**

(12) **CORRECTED EUROPEAN PATENT SPECIFICATION**

(15) Correction information:
Corrected version no 1 (W1 B1)
Corrections, see
Bibliography INID code(s) 71

(51) Int Cl.:
G01N 33/53 (2006.01) C12Q 1/68 (2006.01)

(48) Corrigendum issued on:
18.08.2010 Bulletin 2010/33

(86) International application number:
PCT/EP2007/004378

(45) Date of publication and mention
of the grant of the patent:
16.06.2010 Bulletin 2010/24

(87) International publication number:
WO 2007/134779 (29.11.2007 Gazette 2007/48)

(21) Application number: **07725293.0**

(22) Date of filing: **16.05.2007**

(54) **USE OF PROTEIN S100A 12 AS A MARKER FOR COLORECTAL CANCER**

VERWENDUNG DES PROTEINS S100A 12 ALS MARKER FÜR KOLOREKTALKARZINOM

UTILISATION DE LA PROTÉINE S100A 12 EN TANT QUE MARQUEUR DU CANCER DU CÔLON
ET DU RECTUM

(84) Designated Contracting States:
**AT BE BG CH CY CZ DE DK EE ES FI FR GB GR
HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE
SI SK TR**

(30) Priority: **19.05.2006 EP 06010439**

(43) Date of publication of application:
11.02.2009 Bulletin 2009/07

(73) Proprietors:
• **Roche Diagnostics GmbH**
68305 Mannheim (DE)
Designated Contracting States:
DE
• **F.HOFFMANN-LA ROCHE AG**
4070 Basel (CH)
Designated Contracting States:
**AT BE BG CH LI CY CZ DK EE ES FI FR GB GR
HU IE IS IT LT LU LV MC MT NL PL PT RO SE SI
SK TR**

- **GARCZAREK, Ursula**
83671 Benediktbeuern (DE)
- **GEISTANGER, Andrea**
81477 Muenchen (DE)
- **HAGMANN, Marie-Luise**
82377 Penzberg (DE)
- **KARL, Johann**
82380 Peissenberg (DE)
- **KRAUSE, Friedemann**
82377 Penzberg (DE)
- **PFEFFER, Michael**
82377 Penzberg (DE)
- **ROLLINGER, Wolfgang**
82398 Polling (DE)
- **TACKE, Michael**
80689 Muenchen (DE)
- **THIEROLF, Michael**
88400 Biberach (DE)

(56) References cited:
WO-A-2005/054508 WO-A-2006/012588
WO-A2-2004/079368 US-A1- 2004 157 278

(72) Inventors:
• **WILD, Norbert**
82538 Geretsried (DE)
• **ANDRES, Herbert**
82377 Penzberg (DE)

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).

EP 2 021 794 B8

- | | |
|---|--|
| <ul style="list-style-type: none"> • SIEG A ET AL: "DETECTION OF COLORECTAL NEOPLASMS BY THE HIGHLY SENSITIVE HEMOGLOBIN-HAPTOGLOBIN COMPLEX IN FECES" INTERNATIONAL JOURNAL OF COLORECTAL DISEASE, SPRINGER VERLAG, BERLIN, DE, vol. 14, no. 6, December 1999 (1999-12), pages 267-271, XP001182520 ISSN: 0179-1958 • GILBERT J A ET AL: "FECAL MARKER VARIABILITY IN COLORECTAL CANCER: CALPROTECTIN VERSUS HEMOGLOBIN" SCANDINAVIAN JOURNAL OF GASTROENTEROLOGY, vol. 31, 1996, pages 1001-1005, XP002053475 ISSN: 0036-5521 | <ul style="list-style-type: none"> • STULÍK J ET AL: "The analysis of S100A9 and S100A8 expression in matched sets of macroscopically normal colon mucosa and colorectal carcinoma: the S100A9 and S100A8 positive cells underlie and invade tumor mass." ELECTROPHORESIS. 1999 APR-MAY, vol. 20, no. 4-5, April 1999 (1999-04), pages 1047-1054, XP002407823 ISSN: 0173-0835 • STULÍK J ET AL: "Overexpression of calcium-binding protein calgranulin B in colonic mucosal diseases." CLINICA CHIMICA ACTA; INTERNATIONAL JOURNAL OF CLINICAL CHEMISTRY. 8 SEP 1997, vol. 265, no. 1, 8 September 1997 (1997-09-08), pages 41-55, XP002403733 ISSN: 0009-8981 |
|---|--|