



(11)

EP 3 963 111 B8

(12)

CORRECTED EUROPEAN PATENT SPECIFICATION

(15) Correction information:

**Corrected version no 1 (W1 B1)
Corrections, see
Bibliography INID code(s) 72**

(51) International Patent Classification (IPC):

C12Q 1/6886 ^(2018.01)

(52) Cooperative Patent Classification (CPC):

C12Q 1/6886; C12Q 2600/154

(48) Corrigendum issued on:

26.06.2024 Bulletin 2024/26

(86) International application number:

PCT/EP2020/064815

(45) Date of publication and mention
of the grant of the patent:

17.04.2024 Bulletin 2024/16

(87) International publication number:

WO 2020/239896 (03.12.2020 Gazette 2020/49)

(21) Application number: **20729993.4**

(22) Date of filing: **28.05.2020**

(54) **DETECTION OF COLORECTAL CANCER**

NACHWEIS VON KOLOREKTALKARZINOMEN

DÉTECTION DU CANCER COLORECTAL

(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**

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(30) Priority: **31.05.2019 US 201916428865**

31.12.2019 US 201962956059 P

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(43) Date of publication of application:

09.03.2022 Bulletin 2022/10

(56) References cited:

EP-A2- 2 977 467

WO-A1-2015/153283

WO-A2-2012/167145

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• **HAIDAN YAN ET AL: "Identifying CpG sites with different differential methylation frequencies in colorectal cancer tissues based on individualized differential methylation analysis", ONCOTARGET, vol. 8, no. 29, 18 July 2017 (2017-07-18), pages 47356-47364, XP055723769, DOI: 10.18632/oncotarget.17647**

• **FELIX KORDOWSKI ET AL: "Aberrant DNA methylation of ADAMTS16 in colorectal and other epithelial cancers", BMC CANCER, vol. 18, no. 1, 6 August 2018 (2018-08-06), XP055723762, DOI: 10.1186/s12885-018-4701-2**

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- **MICHAIL GALANOPOULOS ET AL:** "Abnormal DNA methylation as a cell-free circulating DNA biomarker for colorectal cancer detection: A review of literature", **WORLD JOURNAL OF GASTROINTESTINAL ONCOLOGY**, vol. 9, no. 4, 1 January 2017 (2017-01-01) , page 142, XP055723984, ISSN: 1948-5204, DOI: 10.4251/wjgo.v9.i4.142
- **K Kruusmaa ET AL:** "MSRE-qPCR for analysis of gene specific methylation can be accurately used for detection and validation of colorectal cancer-specific patterns", **4Bio Summit**, Rotterdam 2018, 1 January 2018 (2018-01-01), XP055723835, Retrieved from the Internet: URL:[https://www.universaldx.com/wp-content/uploads/2017/05/4Bio-poster-November-2018 .pdf](https://www.universaldx.com/wp-content/uploads/2017/05/4Bio-poster-November-2018.pdf) [retrieved on 2020-08-19]
- **A. A. MELNIKOV:** "MSRE-PCR for analysis of gene-specific DNA methylation", **NUCLEIC ACIDS RESEARCH**, vol. 33, no. 10, 2 June 2005 (2005-06-02), pages e93-e93, XP055278893, ISSN: 0305-1048, DOI: 10.1093/nar/gni092