



(11)

EP 2 756 451 B8

(12) **CORRECTED EUROPEAN PATENT SPECIFICATION**

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

(51) Int Cl.:
G06K 9/00 (2006.01)

(86) International application number:
PCT/IB2011/002726

(48) Corrigendum issued on:
14.04.2021 Bulletin 2021/15

(87) International publication number:
WO 2013/038224 (21.03.2013 Gazette 2013/12)

(45) Date of publication and mention
of the grant of the patent:
21.10.2020 Bulletin 2020/43

(21) Application number: **11804784.4**

(22) Date of filing: **12.09.2011**

(54) **METHODS AND APPARATUS FOR FAST IDENTIFICATION OF RELEVANT FEATURES FOR CLASSIFICATION OR REGRESSION**

VERFAHREN UND VORRICHTUNG ZUR SCHNELLEN IDENTIFIZIERUNG VON RELEVANTEN MERKMALEN ZUR KLASSIFIZIERUNG ODER REGRESSION

MÉTHODES ET APPAREILS POUR L'IDENTIFICATION RAPIDE DE CARACTÈRES APPROPRIES POUR LA CLASSIFICATION OU LA RÉGRESSION

(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**

(43) Date of publication of application:
23.07.2014 Bulletin 2014/30

(73) Proprietor: **PerkinElmer Cellular Technologies
Germany GmbH
13522 Tallinn (EE)**

(72) Inventor: **KASK, Peet
Harku Vald, Harjumaa (EE)**

(74) Representative: **Graham Watt & Co LLP
St. Botolph's House
7-9 St. Botolph's Road
Sevenoaks TN13 3AJ (GB)**

(56) References cited:
• **WEBB A R: "statistical pattern recognition - second edition , Feature selection and extraction", STATISTICAL PATTERN RECOGNITION, XX, XX, 1 January 2002 (2002-01-01), pages 305-318, XP002444702,**
• **KITTLER J: "Feature set search algorithms", 1 January 1978 (1978-01-01), PATTERN RECOGNITION AND SIGNAL PROCESSING : [PROCEEDINGS OF THE NATO ADVANCED STUDY INSTITUTE ON PATTERN RECOGNITION AND SIGNAL PROCESSING, E.N.S.T., PARIS, FRANCE, JUNE 25 - JULY 4, 1978] / ED. BY C. H. CHEN; [NATO ASI SERIES : SERIES E, APPLIED SCI, XP008152014, ISBN: 978-90-286-0978-5 sect.4; page 51 - page 55**

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 2 756 451 B8

- WALKER R F ET AL: "Classification of cervical cell nuclei using morphological segmentation and textural feature extraction", INTELLIGENT INFORMATION SYSTEMS, 1994. PROCEEDINGS OF THE 1994 SECOND AUSTRALIAN AND NEW ZEALAND CONFERENCE ON BRISBANE, QLD., AUSTRALIA 29 NOV.-2 DEC. 1994, NEW YORK, NY, USA, IEEE, 29 November 1994 (1994-11-29), pages 297-301, XP010136732, DOI: 10.1109/ANZIIS.1994.396977 ISBN: 978-0-7803-2404-6
- Pekalska ET AL: "Pairwise selection of features and prototypes", Advances in Soft Computing, 1 January 2005 (2005-01-01), XP55027528, Retrieved from the Internet: URL: http://homepage.tudelft.nl/a9p19/papers/cores_05_featsel.pdf [retrieved on 2012-05-18]