



(11) **EP 2 553 819 B8**

(12) **CORRECTED EUROPEAN PATENT SPECIFICATION**

(15) Correction information:
Corrected version no 1 (W1 B1)
Corrections, see
Bibliography INID code(s) 84

(51) Int Cl.:
H03M 1/60 (2006.01) G04F 10/00 (2006.01)

(86) International application number:
PCT/GB2011/050390

(48) Corrigendum issued on:
05.03.2014 Bulletin 2014/10

(87) International publication number:
WO 2011/121323 (06.10.2011 Gazette 2011/40)

(45) Date of publication and mention
of the grant of the patent:
15.01.2014 Bulletin 2014/03

(21) Application number: **11705684.6**

(22) Date of filing: **28.02.2011**

(54) **APPARATUS AND METHOD FOR VOLTAGE SENSING**

VORRICHTUNG UND VERFAHREN FÜR SPANNUNGSMESSUNG

APPAREIL ET PROCÉDÉ POUR LA DÉTECTION DE TENSION

(84) Designated Contracting States:
**AL AT BE BG CH CY CZ DE DK EE ES FI FR 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: **30.03.2010 GB 201005372**

(43) Date of publication of application:
06.02.2013 Bulletin 2013/06

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(56) References cited:
**US-A- 4 058 808 US-A1- 2006 049 972
US-A1- 2007 096 836**

- **YAT-FONG YUNG ET AL: "A digital CMOS imager with pixel level analog-to-digital converter and reconfigurable SRAM/counter", SYSTEM-ON-CHIP FOR REAL-TIME APPLICATIONS, 2004.PROCEEDINGS. 4TH IEEE INTERNATIONAL WORKSHOP ON BANFF, AB, CANADA 19-21 JULY 2004, PISCATAWAY, NJ, USA,IEEE, 19 July 2004 (2004-07-19), pages 33-36, XP010714005, DOI: DOI:10.1109/IWSOC.2004.1319845 ISBN: 978-0-7695-2182-4**

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