



(11) **EP 2 802 051 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.:  
**H02H 3/33** <sup>(2006.01)</sup> **H02H 3/00** <sup>(2006.01)</sup>  
**H02H 3/16** <sup>(2006.01)</sup> **G01R 31/02** <sup>(2006.01)</sup>

(48) Corrigendum issued on:  
**09.03.2016 Bulletin 2016/10**

(45) Date of publication and mention  
of the grant of the patent:  
**30.12.2015 Bulletin 2015/53**

(21) Application number: **14175942.3**

(22) Date of filing: **08.10.2004**

(54) **Single-sensor microcontroller-based approach for ground fault circuit interrupters**

Einzelsensoransatz auf Mikrosteuerungsbasis für Erdschlussleistungstrenner

Approche basée sur microcontrôleur à capteur unique pour interrupteurs de circuit de défaut à la terre

(84) Designated Contracting States:  
**DE ES FR GB IT**

(30) Priority: **16.10.2003 US 687068**

(43) Date of publication of application:  
**12.11.2014 Bulletin 2014/46**

(62) Document number(s) of the earlier application(s) in  
accordance with Art. 76 EPC:  
**13154195.5 / 2 602 892**  
**04794552.2 / 1 673 842**

(73) Proprietor: **Schneider Electric USA, Inc.**  
**Schaumburg, IL 60173 (US)**

(72) Inventors:  
• **Reid, Paul A.**  
**Cedar Rapids, IA 52402 (US)**  
• **Gass, Randall J.**  
**NW Cedar Rapids, IA 52405 (US)**  
• **Meehleder, Steve M.**  
**Cedar Rapids, IA 52402 (US)**

(74) Representative: **Grünecker Patent- und**  
**Rechtsanwälte**  
**PartG mbB**  
**Leopoldstraße 4**  
**80802 München (DE)**

(56) References cited:  
**DE-A1- 19 803 684 US-A- 3 848 159**  
**US-A- 3 953 767**

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 2 802 051 B8**