



(11) **EP 2 784 808 B8**

(12) **CORRECTED EUROPEAN PATENT SPECIFICATION**

(15) Correction information:
Corrected version no 1 (W1 B1)
Corrections, see
Bibliography INID code(s) 54

(48) Corrigendum issued on:
24.08.2016 Bulletin 2016/34

(45) Date of publication and mention
of the grant of the patent:
06.07.2016 Bulletin 2016/27

(21) Application number: **12851940.2**

(22) Date of filing: **18.10.2012**

(51) Int Cl.:
H01L 23/29 ^(2006.01) **H01L 23/31** ^(2006.01)
H05K 1/03 ^(2006.01) **H05K 3/46** ^(2006.01)
H01L 23/498 ^(2006.01) **H01L 23/427** ^(2006.01)
H01L 23/433 ^(2006.01) **H01L 23/495** ^(2006.01)
H05K 1/02 ^(2006.01) **H05K 3/28** ^(2006.01)
H01L 23/00 ^(2006.01) **H05K 1/18** ^(2006.01)

(86) International application number:
PCT/JP2012/006652

(87) International publication number:
WO 2013/076909 (30.05.2013 Gazette 2013/22)

(54) **ELECTRICAL COMPONENT RESIN, SEMICONDUCTOR DEVICE, AND SUBSTRATE**

HARZ FÜR ELEKTRISCHE BAUELEMENTE, HALBLEITERVORRICHTUNG UND LEITERPLATTE
RÉSINE POUR COMPOSANTS ÉLECTRIQUES, DISPOSITIF À SEMI-CONDUCTEUR ET CARTE
DE CÂBLAGE

(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

(30) Priority: **21.11.2011 JP 2011253383**

(43) Date of publication of application:
01.10.2014 Bulletin 2014/40

(73) Proprietor: **Panasonic Intellectual Property**
Management Co., Ltd.
Osaka 540-6207 (JP)

(72) Inventors:
• **MINAMIO, Masanori**
Chuo-ku
Osaka 540-6207 (JP)

• **IKEUCHI, Hiroki**
Chuo-ku
Osaka 540-6207 (JP)

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

(56) References cited:
WO-A1-2011/118584 WO-A2-2010/074970
JP-A- S56 137 098 JP-A- 2003 100 969
JP-A- 2009 029 962 US-A1- 2007 135 550

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).