



(11) **EP 2 008 327 B8**

(12) **CORRECTED EUROPEAN PATENT SPECIFICATION**

- (15) Correction information:  
**Corrected version no 1 (W1 B1)**  
**Corrections, see**  
**Bibliography INID code(s) 73**
- (48) Corrigendum issued on:  
**29.08.2018 Bulletin 2018/35**
- (45) Date of publication and mention of the grant of the patent:  
**25.04.2018 Bulletin 2018/17**
- (21) Application number: **07741065.2**
- (22) Date of filing: **29.03.2007**
- (51) Int Cl.:  
**H01M 4/92<sup>(2006.01)</sup> H01M 4/96<sup>(2006.01)</sup>**
- (86) International application number:  
**PCT/JP2007/057629**
- (87) International publication number:  
**WO 2007/114494 (11.10.2007 Gazette 2007/41)**

(54) **FUEL CELL ELECTRODE CATALYST WITH REDUCED NOBLE METAL AMOUNT AND SOLID POLYMER FUEL CELL COMPRISING THE SAME**

BRENNSTOFFZELLENELEKTRODENKATALYSATOR MIT VERRINGERTEM EDELMETALLGEHALT UND POLYMERELEKTROLYT-BRENNSTOFFZELLE DAMIT

CATALYSEUR D'ÉLECTRODE DE PILE À COMPOSTIBLE AVEC CONTENU RÉDUIT DE MÉTAUX NOBLES ET PILE À COMPOSTIBLE À ÉLECTROLYTE POLYMÈRE LE CONTENANT

- (84) Designated Contracting States:  
**DE GB**
- (30) Priority: **30.03.2006 JP 2006092755**
- (43) Date of publication of application:  
**31.12.2008 Bulletin 2009/01**
- (73) Proprietor: **TOYOTA JIDOSHA KABUSHIKI KAISHA**  
**Toyota-shi, Aichi-ken 471-8571 (JP)**
- (72) Inventors:  
• **HORIUCHI, Yosuke**  
**Kakegawa-shi, Shizuoka 437-1492 (JP)**  
• **TERADA, Tomoaki**  
**Kakegawa-shi, Shizuoka 437-1492 (JP)**  
• **NAGATA, Takahiro**  
**Kakegawa-shi, Shizuoka 437-1492 (JP)**  
• **TABATA, Toshiharu**  
**Kakegawa-shi, Shizuoka 437-1492 (JP)**  
• **ENOMOTO, Susumu**  
**Kakegawa-shi, Shizuoka 437-1492 (JP)**
- **TAKAHASHI, Hiroaki**  
**Toyota-shi, Aichi 471-8571 (JP)**
- (74) Representative: **Kuhnen & Wacker**  
**Patent- und Rechtsanwaltsbüro PartG mbB**  
**Prinz-Ludwig-Straße 40A**  
**85354 Freising (DE)**
- (56) References cited:  
**WO-A-2004/028201 GB-A- 1 508 649**  
**JP-A- 2004 335 252 US-A1- 2003 044 655**  
**US-A1- 2004 161 850 US-A1- 2005 227 862**
- **W. VIELSTICH, H. A. GASTEIGER, A. LAMM:**  
**"Handbook of fuel cells - Fundamentals, Technology and Applications - Volume 3" 2003, JOHN WILEY & SONS, XP002440769 page 483, right-hand column, lines 1-7; figure 6**
- **G. Ertl et al.: "Handbook of Heterogeneous Catalysis", 31 December 1997 (1997-12-31), Wiley ISBN: 3-527-29212-8 vol. 2, pages 442-446,**

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 2 008 327 B8**