(19) Europäisches Patentamt
European Patent Office
Office européen des brevets

(11) EP 1 717 817 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:
18.05.2016 Bulletin 2016/20

(45) Date of publication and mention
of the grant of the patent:
13.04.2016 Bulletin 2016/15

(21) Application number: **05103557.4**

(22) Date of filing: **29.04.2005**

(51) Int Cl.:
G11C 13/00 $^{(2006.01)}$ ***G11C 16/34*** $^{(2006.01)}$

---

(54) **A semiconductor memory device with information loss self-detect capability**

Halbleiterspeicheranordnung mit Fähigkeit zur Informationsverlusterkennung

Dispositif de mémoire à semi-conducteurs avec la capacité de détection de perte d’information

---

(84) Designated Contracting States:
DE FR GB IT

(43) Date of publication of application:
02.11.2006 Bulletin 2006/44

(73) Proprietor: **Micron Technology, Inc.**
Boise, Idaho 83707 (US)

(72) Inventors:
- **Resta, Claudio**
  I-23030 Villa di Tirano (SO) (IT)
- **Bedeschi, Ferdinando**
  I-20052 Monza (MI) (IT)

(74) Representative: **Manley, Nicholas Michael et al**
WP Thompson
8th Floor
1 Mann Island
Liverpool L3 1BP (GB)

(56) References cited:

EP-A- 1 426 971	**US-A- 5 359 205**
US-A- 5 671 180	**US-A- 5 999 448**
US-A1- 2003 218 925	**US-A1- 2004 165 456**
US-B1- 6 249 841	

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).

Printed by Jouve, 75001 PARIS (FR)