(11) **EP 1 667 218 A8**

(12)

CORRECTED EUROPEAN PATENT APPLICATION

published in accordance with Art. 158(3) EPC Note: Bibliography reflects the latest situation

(15) Correction information:

Corrected version no 1 (W1 A1)

INID code(s) 71,72

· (W.A.)

(48) Corrigendum issued on: **09.08.2006 Bulletin 2006/32**

(43) Date of publication: 07.06.2006 Bulletin 2006/23

(21) Application number: 04787751.9

(22) Date of filing: 08.09.2004

(84) Designated Contracting States: **FR**

(30) Priority: **08.09.2003 JP 2003315987**

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 Endo, Akihiko, c/o SUMCO CORPORATION Tokyo 105-8634 (JP) (51) Int Cl.:

H01L 21/322 (2006.01)

H01L 27/12 (2006.01)

(86) International application number: **PCT/JP2004/013068**

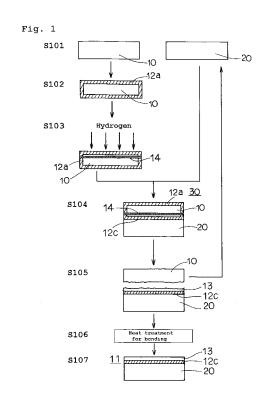
(87) International publication number:

WO 2005/027217 (24.03.2005 Gazette 2005/12)

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(54) SOI WAFER AND ITS MANUFACTURING METHOD

(57) Since a supporting wafer contains boron of 9x10¹⁸ atoms/cm³ or more, therefore a part of the metal impurities in an active layer wafer and the metal impurities in the wafer can be captured by the boron during the heat treatment for bonding. As a result, metal contamination in the active layer can be reduced. Moreover, the wafer strength is enhanced, thus preventing the wafer slipping. Since the wafer has no COP, micro voids are not detected in the LPD evaluation of the active layer, thereby improving the reliability of the evaluation. Such a bonded wafer can be manufactured at a low cast.



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