



(11) **EP 1 485 989 B8**

(12) **CORRECTED EUROPEAN PATENT SPECIFICATION**

Note: Bibliography reflects the latest situation

- (15) Correction information:
Corrected version no 1 (W1 B1)
Bibliography INID code(s) 72
- (48) Corrigendum issued on:
10.10.2007 Bulletin 2007/41
- (45) Date of publication and mention of the grant of the patent:
30.05.2007 Bulletin 2007/22
- (21) Application number: **03719331.5**
- (22) Date of filing: **25.02.2003**
- (51) Int Cl.:
H03B 5/24 (2006.01) **H03B 5/04 (2006.01)**
H03L 1/00 (2006.01) **H03L 7/099 (2006.01)**
H03C 3/09 (2006.01) **H03K 3/03 (2006.01)**
- (86) International application number:
PCT/US2003/005879
- (87) International publication number:
WO 2003/073600 (04.09.2003 Gazette 2003/36)

(54) **OSCILLATOR AND PLL CIRCUIT USING THE SAME**

OSZILLATOR UND PLL-SCHALTUNG DAMIT

OSCILLATEUR, ET CIRCUIT PLL L'UTILISANT

- (84) Designated Contracting States:
DE FR GB
- (30) Priority: **25.02.2002 US 359607 P**
- (43) Date of publication of application:
15.12.2004 Bulletin 2004/51
- (73) Proprietor: **SONY ELECTRONICS, INC.**
Park Ridge,
New Jersey 07656 (US)
- (72) Inventors:
• **KATAKURA, Masayuki**
Tokyo (JP)
• **KOMATSU, Yoshihiro**
Tokyo (JP)
- **HIROMOTO, Kenji**
Tokyo (JP)
• **KOUSAHA, Tsuyoshi**
Tokyo (JP)
• **FAI BEN, Li, Ping**
Tokyo (JP)
- (74) Representative: **DeVile, Jonathan Mark**
D Young & Co
120 Holborn
London EC1N 2DY (GB)
- (56) References cited:
US-A- 5 420 547 **US-A- 5 872 488**
US-B1- 6 229 400

EP 1 485 989 B8

Note: Within nine months from the publication of the mention of the grant of the European patent, any person may give notice to the European Patent Office of opposition to the European patent granted. Notice of opposition shall be filed in a written reasoned statement. It shall not be deemed to have been filed until the opposition fee has been paid. (Art. 99(1) European Patent Convention).