



(11) **EP 1 861 924 B8**

(12) **CORRECTED EUROPEAN PATENT SPECIFICATION**

(15) Correction information:
Corrected version no 1 (W1 B1)
Corrections, see
Bibliography INID code(s) 73

(51) Int Cl.:
H03H 3/02 ^(2006.01) **H01L 41/24** ^(2006.01)
C23C 14/22 ^(2006.01)

(48) Corrigendum issued on:
26.01.2011 Bulletin 2011/04

(86) International application number:
PCT/SE2006/050041

(45) Date of publication and mention
of the grant of the patent:
15.12.2010 Bulletin 2010/50

(87) International publication number:
WO 2006/101450 (28.09.2006 Gazette 2006/39)

(21) Application number: **06717125.6**

(22) Date of filing: **23.03.2006**

(54) **PIEZOELECTRIC THIN FILM RESONATOR AND METHOD FOR MAKING SAME**
PIEZOELEKTRISCHER DÜNNFILMRESONATOR UND VERFAHREN ZU SEINER HERSTELLUNG
RESONATEUR PIEZO-ELECTRIQUE EN COUCHES MINCES ET PROCEDE DE FABRICATION

(84) Designated Contracting States:
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR
HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI
SK TR

• **BJURSTRÖM, Johan**
S-752 58 Uppsala (SE)

(30) Priority: **23.03.2005 SE 0500647**

(74) Representative: **Holmberg, Nils Anders Patrik et al**
BRANN AB
P.O. Box 12246
102 26 Stockholm (SE)

(43) Date of publication of application:
05.12.2007 Bulletin 2007/49

(56) References cited:
US-A- 3 558 351 US-A- 4 719 383

(73) Proprietor: **St. Jude Medical Systems AB**
751 35 Uppsala (SE)

• **RODRIGUEZ-NAVARRO A ET AL: "Development of preferred orientation in polycrystalline AlN thin films deposited by rf sputtering system at low temperature" JOURNAL OF MATERIALS RESEARCH MATER. RES. SOC USA, vol. 12, no. 7, July 1997 (1997-07), pages 1850-1855, XP002545157 ISSN: 0884-2914**

(72) Inventors:
• **KATARDJIEV, Ilia**
S-756 47 Uppsala (SE)
• **WINGQVIST, Gunilla**
S-756 48 Uppsala (SE)

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 1 861 924 B8