



(11) **EP 1 763 934 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:
04.12.2013 Bulletin 2013/49

(45) Date of publication and mention
of the grant of the patent:
23.10.2013 Bulletin 2013/43

(21) Application number: **05757933.6**

(22) Date of filing: **06.07.2005**

(51) Int Cl.:
H04J 13/12 ^(2011.01) **H04J 13/10** ^(2011.01)
H04J 13/18 ^(2011.01)

(86) International application number:
PCT/SE2005/001129

(87) International publication number:
WO 2006/004550 (12.01.2006 Gazette 2006/02)

(54) **NON-CONTIGUOUS VARIABLE LENGTH ORTHOGONAL CODES**

NICHTZUSAMMENHÄNGENDE ORTHOGONAL-CODES VARIABLER LÄNGE
CODES ORTHOGONAUX A LONGUEUR VARIABLE NON CONTIGUS

(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

(30) Priority: **06.07.2004 US 585097 P**

(43) Date of publication of application:
21.03.2007 Bulletin 2007/12

(73) Proprietor: **Telefonaktiebolaget L M Ericsson**
(publ)
164 83 Stockholm (SE)

(72) Inventor: **DENT, Paul**
PITTSBORO, NC 27312 (US)

(74) Representative: **HOFFMANN EITLE**
Patent- und Rechtsanwälte
Arabellastrasse 4
81925 München (DE)

(56) References cited:
WO-A1-03/081797 US-A1- 2001 031 010
US-A1- 2002 171 568 US-A1- 2002 172 180
US-A1- 2003 016 733 US-A1- 2003 016 733
US-B1- 6 590 889

- LUNNON W. F.: "Pagodas and Sackcloth: Ternary Sequences of Considerable Linear Complexity", , 1997, pages 1-16, XP002681608, Retrieved from the Internet: URL: <http://citeseerx.ist.psu.edu/viewdoc/summary?doi=10.1.1.39.3122> [retrieved on 2012-08-08]
- DONELAN H ET AL: "Large families of ternary sequences with aperiodic zero correlation zones for a mc-ds-cdma system", PERSONAL, INDOOR AND MOBILE RADIO COMMUNICATIONS, 2002. THE 13TH IEEE INTERNATIONAL SYMPOSIUM ON SEPT. 15-18, 2002, PISCATAWAY, NJ, USA, IEEE, vol. 5, 15 September 2002 (2002-09-15), pages 2322-2326, XP010614143, ISBN: 978-0-7803-7589-5
- JAESANG CHA ET AL: 'ZCD-UWB system using enhanced ZCD codes Ultra Wideband Systems.' JOINT WITH CONFERENCE ON ULTRA WIDEBAND SYSTEMS AND TECHNOLOGIES. 2004, XP010715178

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 1 763 934 B8