

Title (en)
UPLINK SINR ESTIMATION

Title (de)
AUFWÄRTSSTRECKEN SINR-SCHÄTZUNG

Title (fr)
EVALUATION DU RAPPORT SIGNAL/BROUILLAGE PLUS BRUIT DE LIAISON MONTANTE

Publication
EP 1590911 A4 20080528 (EN)

Application
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Priority
CN 0300101 W 20030129

Abstract (en)
[origin: WO2004068779A1] An arrangement estimates the uplink SINR of a CDMA channel. It includes means (40) for estimating the signal power using the channelization code of the channel. A selector (28) searches for and selects an idle channelization code that is orthogonal to the channelization code of the channel. This idle code is used by further means (30) for estimating the power of interference plus noise. Means (42) then form the SINR estimate using these estimates.

IPC 1-7
H04L 1/20

IPC 8 full level
H04B 1/707 (2006.01); **H04B 1/7097** (2011.01); **H04J 13/00** (2011.01); **H04J 13/20** (2011.01); **H04L 1/20** (2006.01)

CPC (source: EP)
H04B 1/7097 (2013.01); **H04J 13/0044** (2013.01); **H04J 13/20** (2013.01); **H04L 1/20** (2013.01)

Citation (search report)

- [X] WO 0122623 A1 20010329 - SAMSUNG ELECTRONICS CO LTD [KR]
- [X] US 5559790 A 19960924 - YANO TAKASHI [JP], et al
- [X] US 6373878 B1 20020416 - PALENIUS TORGNY [SE], et al
- [X] YOUNG-YONG LEE ET AL: "SIR-based power control using unused OVFS code for W-CDMA reverse link receiver", SPREAD SPECTRUM TECHNIQUES AND APPLICATIONS, 2002 IEEE SEVENTH INTERNATIONAL SYMPOSIUM ON SEPT. 2-5, 2002, PISCATAWAY, NJ, USA,IEEE, vol. 3, 2 September 2002 (2002-09-02), pages 777 - 781, XP010615641, ISBN: 0-7803-7627-7
- See references of WO 2004068779A1

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