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(73) Proprietor: **INTERDIGITAL TECHNOLOGY**
CORPORATION
Wilmington, DE 19810 (US)

(72) Inventors:
• **Demir, Alpaslan**
Commack, NY 11725 (US)
• **Grieco, Donald M.**
Manhasset, NY 11030 (US)

(74) Representative: **Pierrou, Mattias et al**
Awapatent AB
P.O. Box 45 086
104 30 Stockholm (SE)

(56) References cited:
WO-A-01/10160

- **"Universal Mobile Telecommunications System (UMTS); UE Procedures in Idle Mode and Procedures for Cell Reselection in Connected Mode (3GPP TS 25.304 version 3.5.0 Release 1999); ETSI TS 125 304" ETSI STANDARDS, EUROPEAN TELECOMMUNICATIONS STANDARDS INSTITUTE, SOPHIA-ANTIPO, FR, vol. 3-R2, no. V350, December 2000 (2000-12), XP014008626 ISSN: 0000-0001**
- **OESTERGAARD NIELSEN A ET AL: "WCDMA INITIAL CELL SEARCH" VTC 2000-FALL. IEEE VTS 52ND. VEHICULAR TECHNOLOGY CONFERENCE. BOSTON, MA, SEPT. 24 - 28, 2000, IEEE VEHICULAR TECHNOLOGY CONFERENCE, NEW YORK, NY : IEEE, US, vol. VOL. 1 OF 6. CONF. 52, 24 September 2000 (2000-09-24), pages 377-383, XP001033168 ISBN: 0-7803-6508-9**
- **WANG Y-P E ET AL: "Cell search in W-CDMA" IEEE JOURNAL ON SELECTED AREAS IN COMMUNICATIONS, IEEE INC. NEW YORK, US, vol. 18, no. 8, August 2000 (2000-08), pages 1470-1482, XP002224578 ISSN: 0733-8716**

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