



New connection on: : 22-11-2017 : 16:42:14 - Last disconnection on: : 21-11-2017 : 22:17:18

V 4.0.0.44164(LP,U,linux) (Rev:43856 2017-04-27 09:03:29 +0200#(D201714)) (RPM D201714)

Welcome to EPOQUE Rebuild under the Production Environment

[No database/cluster active] ..fi epodoc

 Database: EPODOC

[EPODOC: SS 1] geocell+ and perfor+

Results in EPODOC 48

[SS 2] * and PD<2014-02-12

Results in EPODOC 7

[SS 3] ..li



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PN - [US2013322249](#) A1 20131205

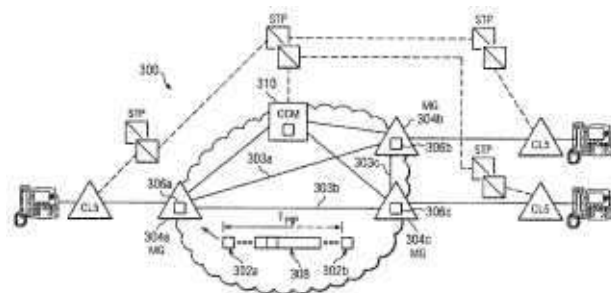
PNFP - US9225646 B2 20151229

PR - US201313962567
20130808; US201213422707
20120316; US20070809401
20070531; US20070922246P
20070405; US20070905624P
20070307; US20070897543P
20070126; US20060839333P
20060822

AP - US201313962567 20130808

DT - **

CT - || R141 (A1)
[US2002029274](#) A1 20020307 [
] (ALLEN ARTHUR DOUGLAS [US]);
[US2006171314](#) A1 20060803 [
] (QIAN LU [US], et al);
[US2007140202](#) A1 20070621 [
] (CALHOUN PATRICE R [US], et al);



[US2008101364](#) A1 20080501 [
] (CHOW TIMOTHY Y [US], et al);
[US2009059881](#) A1 20090305 [
] (THEOBOLD DAVID M [US], et al);
[US8144587](#) B2 20120327 [
] (HEINZ JOHN M [US], et al);
[US8509082](#) B2 20130813 [
] (HEINZ JOHN M [US], et al)
 - || STSE (B2)
[US8144587](#) B2 20120327 [
] (HEINZ JOHN M [US], et al);
[US8509082](#) B2 20130813 [
] (HEINZ JOHN M [US], et al);
[US2002029274](#) A1 20020307 [
] (ALLEN ARTHUR DOUGLAS [US]);
[US2006171314](#) A1 20060803 [
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[US2008101364](#) A1 20080501 [
] (CHOW TIMOTHY Y [US], et al);
[US2009059881](#) A1 20090305 [
] (THEOBOLD DAVID M [US], et al)
 CCI - [H04L45/00](#) ; [H04L45/24](#) ;
[H04L45/28](#) ; [H04L47/726](#) ;
[H04L47/746](#) ; [H04L47/803](#) ;
[H04L47/125](#) ; [H04L47/15](#) ;
[H04L47/801](#) ; [H04L47/822](#) ;
[H04L47/70](#)
 CUI - [H04L47/10](#)
 CQI - [H04L12/5695](#)
 PA - (A1 B2)
 CENTURYLINK IP LLC [US]
 TI - (A1)
 SYSTEM AND METHOD FOR
 IMPROVING
 NETWORK **PERFORMANCE** USING
 A CONNECTION ADMISSION
 CONTROL ENGINE
 - (B2)
 System and method for
 improving network **performance**
 using a connection admission
 control engine
 AB - (A1 B2)
 The disclosed embodiments
 include a method, apparatus,

and computer program product for modifying a three-dimensional **geocellular** model. For example, one disclosed embodiment includes a system that includes at least one processor and at least one memory coupled to the at least one processor. The memory stores instructions that when executed by the at least one processor **performs** operations that includes gathering network **performance** information regarding data flow communicated with a client of a network over a plurality of connections utilizing **performance** information packets; and automatically balancing the data flow of the plurality of connections between access points of the network that are available to the client using connection admission control engines.

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- PN - [CN103353275](#) A 20131016
- PR - CN20131286296 20130709
- AP - CN20131286296 20130709
- DT - I
- PA - UNIVCHANGSHA SCIENCE
- TI - Arc-shaped large-measuring-range deformer for geotechnical reinforcement
- AB - The invention discloses an arc-shaped large-measuring-range deformer for geotechnical reinforcement. The deformer is fixed between two points of the geotechnical reinforcement via common compression sheets (10) or **geocell** compression sheets (11), the common compression sheets (10) or **geocell** compression sheets (11) are respectively connected with a front slide block (3) and a rear slide block (4) via compression sheet installing screw holes (9), each of the front and rear slide blocks is equipped with a hinged support (5), the hinged supports (5) are connected with a reed (6), and a resistance strain gauge (7) is pasted on the reed (6); the front and rear slide blocks can freely slide on parallel guide rails (1); a transparent protective housing (12) can be mounted outside the deformer to protect the deformer; and when the geotechnical reinforcement deforms, the reed (6) bends, and a strain value of the reed (6) is measured by the resistance strain gauge (7). The arc-shaped large-

measuring-range deformer for the geotechnical reinforcement, disclosed by the invention, is large in measuring range, high in accuracy, simple in structure, convenient in operation and reliable in **performance**.

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- PN - [CN202954355U](#) U 20130529
- PR - CN20122728378U 20121226
- AP - CN20122728378U 20121226
- DT - I
- PA - ANHUI HUIFENG NEW MODE CONSTRUCTION MATERIALS CO LTD
- TI - Novel high-strength **geocell** with triangular structure
- AB - The utility model discloses a novel high-strength **geocell** with a triangular structure. The novel high-strength **geocell** comprises **geocell** pieces positioned at equal distances, wherein the plurality of **geocell** pieces are fixedly connected end to end to form a triangular stereo **geocell** structure; and the **geocell** is composed of a plurality of independent triangular stereo **geocell** structures. The **geocell** pieces are fixedly connected through riveting, cuttage grafting and welding. The **geocell** is changed into special triangular shape from the inherent quadrilateral shape; and the pull requirements of the **geocell** for connections and sheets are thoroughly reduced due to the special stability of the triangular structure, therefore, the **performance** of the product is improved and the cost of the product is reduced.

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- PN - [CN102061688](#) A 20110518
- PR - CN20091212994 20091113
- AP - CN20091212994 20091113
- DT - I
- PA - YIZHENG JIAHE CIVIL ENGINEERING MATERIALS CO LTD
- TI - Technique for processing **geocell**
- AB - The invention discloses a technique for processing a **geocell**, and relates to a technique for processing an anticorrosive **geocell**. The technique comprises the following steps of: folding a ground strip, and connecting adjacent folded ground strips in a staggered way at intervals through a plurality of connecting buckles, wherein the connected **geocell** is honeycomb-shaped after being transversely stretched, and the process of connecting the adjacent ground strips in a staggered way at intervals comprises **perforation** of the connecting parts of the adjacent ground strips; and **performing** mechanical injection processing on the connecting parts of the adjacent ground strips to form a connecting buckle connected with the ground strips to form a whole. The integrated injection connecting buckle is processed at the connecting parts by using an injection molding process. Compared with the prior art, the connecting buckle is anticorrosive; and the operation strength during processing is also greatly reduced, the processing period is shortened, and the processing efficiency is improved. All plastic materials are light and abrasion-resistant, have stable chemical **performance**, photo-oxidation aging resistance and acid and alkali resistance, and are suitable for high-strength **geocell** products under different soil conditions of soil, deserts and the like.

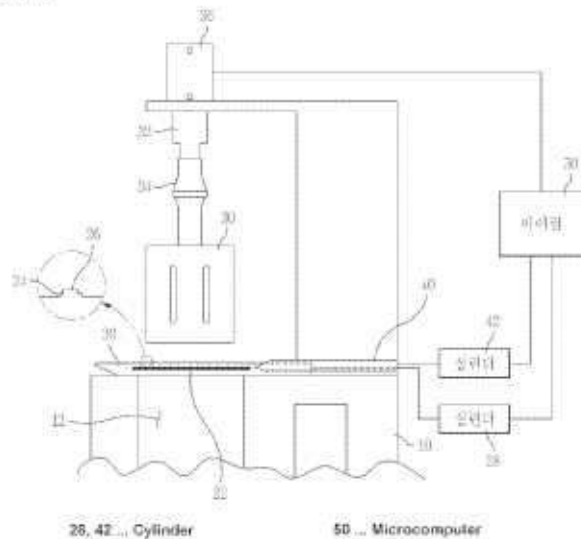
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- PN - [CN101956352](#) A 20110126
- PR - CN20091181445 20090716
- AP - CN20091181445 20090716
- DT - I
- PA - YIXING HUATAI EARTHWORK MATERIAL CO LTD
- TI - High-strength steel plastic **geocell**
- AB - The invention relates to a high-strength steel plastic **geocell** which is formed in such a way that high-strength **geocell** pieces with rib belts are connected by stainless steel rivets after punched and are drawn for moulding. The high-strength steel plastic **geocell** is characterized in that each **geocell** piece comprises a substrate and a rib belt; the rib belt is arranged in the substrate; the substrate is made of high-density polyethylene; and the rib belt is made of steel wires. The **geocell** piece strength of the invention can be larger than or equal to 300MPa, and the breaking elongation of the **geocell** piece is smaller than or equal to 3 percent. By adding low-elongation ribs, such as steel wires, and the like into the substrate, the strength can be greatly improved, and the **performance** and the tensile strength of the **geocell** are fundamentally improved.

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- PN - [WO2010137886](#) A2 20101202
- PNFP - WO2010137886 A3 20110303
- PR - KR20090046715 20090528
- AP - WO2010KR03357 20100527
- DT - *; Rep
- CT - |KR| ISR (A3)
[JPH11207824](#) A 19990803
 [A] (BROTHER IND LTD);
[US2006147275](#) A1 20060706
 [A] (LIN CHIN-TAI [TW], et al);
[KR100834784B](#) B1 20080610
 [A] (GOLDEN POW CO LTD [KR], et al);
[JP2004063376](#) A 20040226
 [A] (SUMITOMO WIRING SYSTEMS)
- CCI - [B29C65/08](#) ; [B29C65/18](#) ;
[B29C65/72](#) ; [B29C66/005](#) ;
[B29C66/1122](#) ; [B29C66/1312](#) ;
[B29C66/21](#) ; [B29C66/438](#) ;
[B29C66/80](#) ; [B29C66/81425](#) ;
[B29C66/81427](#) ; [B29C66/81433](#) ;
[B29C66/81463](#) ; [B29C66/8242](#) ;
[B29C66/8322](#) ; [B29C66/843](#) ;
[B29C66/9261](#)

[Fig. 1]



PA	- (A2 A3) BYEON YOUNG SIK [KR]
TI	- (A2 A3) ULTRASONIC MULTI-WELDING SYSTEM AND METHOD FOR GEOCELL SHEETS
AB	- (A2 A3) The present invention relates to an ultrasonic multi-welding system and method for geocell sheets. More particularly, the present invention relates to an ultrasonic multi-welding system and method for geocell sheets, wherein tool horns and support jigs are arranged in the lengthwise direction of the geocell sheets, and the geocell sheets are stacked into layers such that the tool horns and the support jigs in odd-numbered rows and the tool horns and the support jigs in even-numbered rows are interlinked to perform an ultrasonic welding process in a zigzagged manner. The ultrasonic multi-welding system for geocell sheets according to the present invention comprises: a plurality of support jigs arranged on a main body to support geocell sheets disposed thereon; a plurality of tool horns arranged above the geocell sheets such that the tool horns are movable in the upward and downward directions in order to weld the geocell sheets through ultrasonic vibration; a plurality of detachment means for detaching the ultrasonically welded geocell sheets from the support jigs; and a microcomputer which controls the support jigs and the tool horns such that the support jigs and the tool horns in odd-numbered rows and even-

numbered rows operate in conjunction with each other to enable the **geocell** sheets vertically stacked into layers to be adhered together in a zigzagged manner every time a **geocell** sheet is spread on top of another **geocell** sheet.

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PN - [CN201447700U](#) U 20100505

PR - CN2009242403U 20090619

AP - CN2009242403U 20090619

DT - I

PA - YIXING HUATAI EARTHWORK MATERIAL CO LTD

TI - High-strength steel-plastic **geocell**

AB - A high-strength steel-plastic **geocell** is formed by punching high-strength **geocell** sheets which are provided with ribs, connecting the punched high-strength **geocell** sheets via stainless steel rivets and then drawing. The high-strength steel-plastic **geocell** is characterized in that each **geocell** sheet consists of a substrate and ribs, and the ribs are arranged in the substrate. The substrate is made of high-density polyethylene and the ribs are made of steel wires. Strength of the **geocell** sheet can be equal to or higher than 300 MPa, and breaking elongation rate of the **geocell** sheet is lower than or equal to 3%. The ribs such as steel wires with low elongation are added in the substrate, thereby being capable of increasing strength greatly and improving **performance** and tension strength of the **geocell** fundamentally.