

Title (en)

WELD-FREE THREE-DIMENSIONAL GEOCELL SYSTEM FOR SOIL STABILISATION AND PREFORM FOR PRODUCING SAME

Title (de)

SCHWEISSLOSES DREI-DIMENSIONALES GEOZELLSYSTEM ZUR BODENSTABILISIERUNG UND ZUSCHNITT ZUR HERSTELLUNG DAVON

Title (fr)

SYSTEME GÉOGRILLE SANS SOUDURES POUR RENFORCER LE SOL ET ÉBAUCHE POUR SA FABRICATION

Publication

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Application

EP 16864648 A 20160115

Priority

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Abstract (en)

[origin: EP3375938A1] The invention relates to the field of construction, and more particularly to geotextile web structures, and can be used for stabilizing shorelines, reservoir beds, slopes and retaining wall bridge abutments in the oil and gas, transport and hydraulic engineering industries, and in other fields of construction. A preform for producing a weld-free geocell system is made of a sheet of a flexible material (1) with incisions (2) formed therein, said incisions having a central portion (3) in the form of a straight line and two end portions (4) in an arcuate form, wherein the central portions (3) of the incisions (2) are arranged in rows (R1, R2,...RN) and incision lines in the neighboring rows are offset from one another along the incision direction. The technical effect consists in improving tensile strength of a geocell system and reducing labor-intensiveness of producing it

IPC 8 full level

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CPC (source: EP RU)

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- JP S55142609 A 19801107 - SEKISUI CHEMICAL CO LTD
- EP 3147412 A1 20170329 - OBSHCHESTVO S OGRANICHENNOY OTVETSTVENNOSTYU MIKI [RU]

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