

Title (en)

SYSTEM AND METHODS FOR FORMING BARBED TAPE PRODUCT WITH PREDETERMINED PATTERNS OF ATTACHMENT POINTS INCLUDING PATTERNS FOR CONCERTINA TAPE PRODUCTS CONFIGURED FOR STABLE DEPLOYMENT AND RETRIEVAL

Title (de)

SYSTEM UND VERFAHREN ZUR FORMUNG VON BANDSTACHELDRAHTPRODUKTEN MIT VORGEGEBENEN MUSTERN VON BEFESTIGUNGSPUNKTEN MIT MUSTER FÜR STACHELBANDPRODUKTE, DIE ZUM STABILEN AUSLEGEN UND EINROLLEN KONSTRUIERT SIND

Title (fr)

SYSTEME ET PROCEDES DE FORMATIONS DE PRODUIT DE TYPE RUBAN DE BARBELES A MOTIFS PREDETERMINES DE POINTS DE FIXATION COMPRENANT DES MOTIFS POUR PRODUITS DE TYPE RUBAN EN ACCORDEON CONÇUS POUR LE DEPLOIEMENT ET LA RECUPERATION STABLES

Publication

EP 1799377 A4 20080305 (EN)

Application

EP 05781458 A 20050719

Priority

- US 2005025658 W 20050719
- US 58966804 P 20040719
- US 95953104 A 20041005
- US 95953004 A 20041005
- US 95994404 A 20041005

Abstract (en)

[origin: WO2006014684A2] In barbed tape products, adjacent pairs of loops may be attached to each other at an attachment point that is circumferentially offset relative to an attachment point of the adjacent pair of loops. A system for producing a barbed taped product is controlled by an electronic controller to provide a predetermined pattern of attachment points. A pattern of attachment may be varied from roll to roll, between rolls, and/or within a given roll to provide a predetermined natural configuration of the product in a deployed state. The system and method eliminates the need for ceasing production between rolls in order to re-thread. Attachment elements are sized and configured for strength and accuracy in automatically attached barbed tape products. A deployment system and associated products utilize a magazine for holding and dispensing the products. The products may have any of a number of internal and external gasses for rigidifying the product.

IPC 8 full level

B21F 25/00 (2006.01); **E04H 17/04** (2006.01); **F41H 11/08** (2006.01)

CPC (source: EP US)

B21F 25/00 (2013.01 - EP); **E04H 17/045** (2021.01 - EP US); **F41H 11/08** (2013.01 - EP)

Citation (search report)

- [X] DE 654068 C 19371209 - ADOLF MIDDERMANN
- [A] GB 2162879 A 19860212 - MAN BARRIER CORP
- [A] DE 603941 C 19341010 - WILH MUELLER FA
- See references of WO 2006014684A2

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

WO 2006014684 A2 20060209; **WO 2006014684 A3 20070524**; DE 602005026416 D1 20110331; EP 1799377 A2 20070627; EP 1799377 A4 20080305; EP 1799377 B1 20110216

DOCDB simple family (application)

US 2005025658 W 20050719; DE 602005026416 T 20050719; EP 05781458 A 20050719