

Title (en)

SYSTEM FOR AUTOMATED MANAGEMENT FOR SPREADING A TEXTILE CABLE WEB

Title (de)

AUTOMATISCHES STEUERSYSTEM ZUM AUSBREITEN EINER FASERBAHN AUS FILAMENTBÜNDELN

Title (fr)

SYSTEME DE GESTION AUTOMATISEE DE L'ETALEMENT D'UNE NAPPE TEXTILE

Publication

**EP 1373613 B1 20100113 (FR)**

Application

**EP 02706912 A 20020301**

Priority

- FR 0200743 W 20020301
- FR 0102867 A 20010302

Abstract (en)

[origin: US2002123819A1] Apparatus for automatically controlling the spreading of a textile sheet made up of a plurality of tows coming from a tow feed module and serving to feed a drive module, the apparatus comprises means for measuring the positions of the longitudinal edges of each tow, means for individually adjusting the width of each tow, means for individually adjusting the position of each tow in a direction perpendicular to a tow advance direction, and digital processor means responsive to said position measuring means to control the adjustment means in such a manner that the textile sheet presents determined width and position.

IPC 8 full level

**B65H 23/02** (2006.01); **D02J 1/18** (2006.01); **B65H 23/025** (2006.01); **B65H 23/035** (2006.01); **B65H 51/005** (2006.01); **D04H 3/04** (2012.01); **D04H 18/00** (2012.01)

CPC (source: EP KR US)

**B65H 23/0216** (2013.01 - EP US); **B65H 23/035** (2013.01 - EP US); **D02J 1/18** (2013.01 - EP KR US); **D04H 3/04** (2013.01 - EP US); **D04H 18/02** (2013.01 - EP US); **B65H 2553/412** (2013.01 - EP US); **B65H 2553/42** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**US 2002123819 A1 20020905**; **US 6687564 B2 20040203**; AT E455197 T1 20100115; BR 0207431 A 20040706; BR 0207431 B1 20131112; CA 2439699 A1 20020912; CA 2439699 C 20090519; CN 100379913 C 20080409; CN 1494609 A 20040505; DE 60235070 D1 20100304; EP 1373613 A1 20040102; EP 1373613 B1 20100113; FR 2821628 A1 20020906; FR 2821628 B1 20030516; HU 228087 B1 20121029; HU P0400100 A2 20040428; HU P0400100 A3 20080929; IL 157422 A0 20040328; JP 2004528490 A 20040916; JP 4369123 B2 20091118; KR 100787663 B1 20071221; KR 20030077648 A 20031001; MX PA03007823 A 20041112; RU 2003127061 A 20050227; RU 2283382 C2 20060910; UA 74241 C2 20051115; WO 02070798 A1 20020912; WO 02070798 A8 20040603

DOCDB simple family (application)

**US 88030201 A 20010613**; AT 02706912 T 20020301; BR 0207431 A 20020301; CA 2439699 A 20020301; CN 02805819 A 20020301; DE 60235070 T 20020301; EP 02706912 A 20020301; FR 0102867 A 20010302; FR 0200743 W 20020301; HU P0400100 A 20020301; IL 15742202 A 20020301; JP 2002569497 A 20020301; KR 20037011076 A 20030822; MX PA03007823 A 20020301; RU 2003127061 A 20020301; UA 200398175 A 20020301