

Title (en)

Splicing device and method for the splicing of material webs

Title (de)

Splice-Vorrichtung und Verfahren zum Splicen von Material-Bahnen

Title (fr)

Dispositif de raccordement et méthode pour le raccordement de bandes de matériau

Publication

EP 1801058 B1 20120229 (DE)

Application

EP 06023183 A 20061108

Priority

DE 102005061710 A 20051221

Abstract (en)

[origin: EP1801058A2] In a process to splice the two ends of a web of corrugated paper following a break, an electronic monitoring assembly (36) detects a drop in web tension with respect to target value. In the event of the tension exceeding a maximum permissible target value, the electronic assembly activates a combined web cutter and splicing station (19). The electronic assembly further sets the target value. In the splice process, a length of web feed is paid out and brought to overlap with the tail end of the previous web. The ends are cut, spliced, and the web tension measured. Also claimed is a corrugated paper splice assembly in which a change in the operating condition de-activates the assembly by stopping the motor drive (32).

IPC 8 full level

B65H 19/18 (2006.01); **B65H 26/02** (2006.01)

CPC (source: EP)

B65H 19/1852 (2013.01); **B65H 26/025** (2013.01); **B65H 2513/10** (2013.01); **B65H 2515/31** (2013.01); **B65H 2515/70** (2013.01); **B65H 2701/1762** (2013.01)

C-Set (source: EP)

1. **B65H 2513/10** + **B65H 2220/03** + **B65H 2220/01**
2. **B65H 2515/31** + **B65H 2220/03** + **B65H 2220/01**
3. **B65H 2515/70** + **B65H 2220/03** + **B65H 2220/01**

Cited by

CN106553919A; US10301134B2; EP3231750A1; CN107298327A; US10457512B2; US10899568B2; US11767189B2; EP3222569B1

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