Title (en)
METHOD AND APPARATUS FOR SPLICING WEBS

Title (de)
VERFAHREN UND VORRICHTUNG ZUM SPLEISSEN VON BAHNEN

Title (fr)
PROCÉDÉ ET APPAREIL D'ÉPISSAGE DE BANDES

Publication
EP 3453660 A1 20190313 (EN)

Application
EP 17306156 A 20170907

Priority
EP 17306156 A 20170907

Abstract (en)
There is described a method of splicing a new web (5, 4) to a web in use (4, 5) comprising a first advancement phase during which the web in use (4, 5) is advanced at a working advancement speed along a working advancement path (Q), a second advancement phase during which the new web (5, 4) is advanced along an auxiliary path (R) at a splicing advancement speed being substantially equal to the working advancement speed and a bonding phase during which the web in use (4, 5,) and the new web (4, 5) are bonded to one another. The method also comprises at least one of a web in use cutting phase during which the web in use (4, 5) is cut by means of a respective blade element (56) while the respective blade element (56) advances, at least during the cutting of the web in use (4, 5) at a speed being at least equal to the working advancement speed and a new web cutting phase during which the new web (5, 4) is cut by means of a respective blade member (69) while the respective blade member (69) advances, at least at the moment of cutting the new web (5, 4)at a speed being at least equal to the working advancement speed.

IPC 8 full level
B65H 19/18 (2006.01)

CPC (source: EP)
B65H 19/1826 (2013.01); B65H 2301/46174 (2013.01); B65H 2301/4621 (2013.01); B65H 2301/51532 (2013.01)

Citation (search report)
- [IA] EP 1601601 A2 20051207 - PERINI FABIO SPA [IT]
- [IA] EP 1694592 A1 20060830 - RENT SRL [IT]
- [IA] US 6978816 B1 20051227 - BYRNE THOMAS TIMOTHY [US], et al

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CN109989972A; EP3757046A1; CN112141780A; EP4282797A3; EP3757046B1

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