

Title (en)

Method for web threading in a slitter-winder and a slitter-winder

Title (de)

Verfahren zum Einfädeln einer Bahn in einer Rollenschneidmaschine und eine Rollenschneidmaschine

Title (fr)

Procédé de guidage de bande dans un enrouleuse-refendeuse et une machine enrouleuse-refendeuse

Publication

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Application

EP 12168258 A 20120516

Priority

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Abstract (en)

The invention relates to a method for web threading in a slitter-winder comprising an unwinding section where a parent roll is unwound, a slitting section a full width web (W) unwound from the parent roll is slitted longitudinally to partial webs (W1, W2) and a winding section where the partial webs (W1, W2) are wound around cores or corresponding spools to partial web rolls, which winding section comprises a multistation winder in which two winding rolls (11, 12) are used, each providing for winding of a set of partial web rolls, in which method web is threaded from the unwinding section via the slitting section to the winding section and in which method after the slitting section in threading the partial webs (W1, W2) for each winding station are separated so that each other partial webs (W1) i.e. the partial webs (W1) of the inner side are passed to one winding roll (11) i.e. to a winding roll (11) of the inner side and the other each other partial webs (W2) i.e. the partial webs (W2) of the outer side are passed to another winding roll i.e. a winding roll (12) of the outer side. In the method for web threading the web (W) is passed by passing a web tail wedge (T) through the slitter-winder, at least one rope-like transfer means is used for passing the partial webs to the winding stations on the winding rolls and that in the method the partial webs (W1) are adhered on the surface of at least one of the winding rolls (11, 12) by suction provided in the winding roll (11, 12) the web tail wedge (T) is lifted against a winding roll (11) by rope-like transfer means (15), over which rope-like transfer means (15) the web tail wedge (T) falls downwards when the winding roll (11) pulls more web (W) from the unwinding section. The invention also relates to a slitter-winder.

IPC 8 full level

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Citation (applicant)

- US 5152471 A 19921006 - GOERNER BERND [DE]
- EP 0315569 B1 19940622 - BELOIT CORP [US]
- EP 0818409 A1 19980114 - VALMET CORP [FI]
- EP 1151947 A2 20011107 - VOITH PAPER PATENT GMBH [DE]

Citation (search report)

- [XDA] EP 0818409 A1 19980114 - VALMET CORP [FI]
- [A] DE 3710142 A1 19881013 - JAGENBERG AG [DE]
- [A] EP 0820946 A1 19980128 - VALMET CORP [FI]

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