

Title (en)

Method and device for winding and crosscutting a web.

Title (de)

Verfahren und Vorrichtung zum Aufwickeln und Querschneiden einer laufenden Warenbahn.

Title (fr)

Méthode et dispositif pour enrouler et couper transversalement une bande.

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Application

EP 90100688 A 19900113

Priority

DE 3914776 A 19890505

Abstract (en)

[origin: EP0395830A2] For winding and cross-cutting a web (11), use is made of a device having a first driving roller (21), which is mounted in pivotable supporting arms (22) and can be pressed against the outer circumference of the wound package (8) forming about a receiving roll (9). In a pivotable roller frame (1) is mounted a second driving roller (7) which can be brought into contact with a second receiving roll (9'), which is still to be wound. A group of deflecting rollers (14 to 17) is mounted in a common supporting structure, which, in turn, is mounted pivotably on the roller frame (1). Also arranged in the roller frame (1) are rollers (19) which can be pressed against one another of which at least one roller is driven. A cutting member (10) is arranged underneath said rollers (19) in the roller frame (1). The web (11) is so guided about the individual deflecting rollers (14 to 17) that the supporting structure (12) can be swivelled unimpeded together with said rollers into a position in which the web (11) loops round the receiving roll (9') still to be wound. The roller frame (1) and, in this, the supporting structure (12) can be swivelled in such a way that the deflecting rollers (14 to 17) are transferable into a position by means of which a part of the web (11) and the receiving roll (9') still to be wound form a gap (23) which narrows in the running direction of the web (11) and in the circumferential direction of the receiving roll (9'). This gap is situated underneath the two rollers (19) which can be pressed one on the other and the cutting point, situated below, for the web (11), so that the new web beginning is guided positively into the gap (23) without any other auxiliaries than the web (11) itself being necessary. <IMAGE>

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