

Title (en)
WEB-UNWINDING DEVICE WITH A SPLICER

Publication
EP 0182724 B1 19881005 (FR)

Application
EP 85420190 A 19851023

Priority
FR 8416962 A 19841025

Abstract (en)
[origin: EP0182724A1] 1. Continuous web unwinder comprising two support spindles (1, 2) each intended to receive a spool (3, 4) carrying a web (5, 6) to be unwound, means (8) for reversible accumulation of a specific length of web issuing from the device to render the running of the web on the downstream side continuous and independent of the running on the upstream side, and means for joining the end of a first web (5) to the start of the second web (6) by means of an adhesive tape, comprising : - two floating pressure rollers (15, 16) of a slightly resilient material and with mutually parallel spindles, between which pass the webs (5, 6), the spindles of the rollers (15, 16) being movable relative to one another in the directions of approach and separation between a closely set position and a retracted position, at least one of the spindles being loaded by means of a roller ram (19, 20), the pressure rollers serving the purpose in their closely set position of ensuring the adhesion of the adhesive tape (33) on the first web (5) by compression of the webs (5, 6) and of the adhesive tape (33) between the pressure rollers (15, 16) in their contact area (18), - cutting means (21, 22) of severing the end of the first web upstream of the rollers, at a predetermined distance (l) from the contact area (18) of the rollers, - blocking means (26, 27) ensuring the stopping of the first web whilst it is cut, - pneumatic suction means associated with a first pressure roller (16) for keeping the leading end of the adhesive tape (33) on standby in the contact area (18) of the first pressure roller, - means for preparing the web start for glueing a length of adhesive tape (33) on the second web (6) on standby, characterized in that : - the means for preparing the web start comprise a supporting device (30, 300) for preparation of the start of the web, provided with markings (34, 35, 340, 350) spaced apart from one another by a particular length L, on which the user may sever and glue an adhesive tape (33) on to the second web (6) in such a way the prepared adhesive tape has an uncovered adhesive surface (330) of length L facing towards the first web (5), - the length L is equal to the distance (l) between the cutting means (21, 22) and the contact area (18) of the rollers, - in the standby position, whilst the first roller holds the first leading end of the adhesive tape (33) within its contact area (18), the second end of the free adhesive surface (330) is situated within the cutting area (l-l) of the cutting means.

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B65H 19/18

IPC 8 full level
B65H 19/18 (2006.01)

CPC (source: EP)
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