

Title (en)

Back-up roll-type reel cutters with automatic tube feed.

Title (de)

Rollenschneidemaschinen des Stützwälzentyps mit einer automatischen Hülsenzuführung.

Title (fr)

Machine à découper à roulettes du type à cylindre d'appui avec insertion automatique des mandrins.

Publication

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Application

EP 90908216 A 19900526

Priority

EP 9000849 W 19900526

Abstract (en)

[origin: WO9118815A1] Process and device for automatic tube feed in back-up roll-type reel cutters. A wide web (12) of paper or the like is wound off a wide roll (11) in a take-off station (10). The wide web (12) is divided lengthwise into at least two narrower partial webs (24) in a cutting station (20). The narrower partial webs (24) are wound on using winding tubes (44, 54) in two take-up stations (40, 50) each consisting of at least one take-up device (41, 51) which are arranged on either side of the back-up roll(s) (30), each of the adjacent partial webs (24) being wound onto a different take-up station (40 or 50). The winding tubes (44, 54) are pushed into a feed device (60) into a transfer position parallel to the back-up roll (30) or the back-up rolls in a row one behind the other in association with the empty take-up devices (41, 51), distributed from their transfer positions onto either side of the back-up roll(s) and transported into the tension positions on the take-up devices (41, 51) where they are tensioned so that they can later receive the end of the associated partial web. The winding tubes (44, 54) located in their take-up position and distributed on either side of the back-up roll(s) are taken from the transport device (70) associated with the corresponding take-up device (41, 51) and raised or lowered into the tension position along an essentially rectilinear path. The automatic feed of the winding tubes is thus appreciably improved, because the machinery is comparatively simple, despite the fact that a wide range of adjustments are dispensed with, resetting times are reduced and fewer service staff are required.

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IPC 8 full level

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