

Title (en)

Rapid tearing device of a strip in a rewinding machine

Title (de)

Schnellabreißvorrichtung eines Streifens in einer Aufwicklungsmaschine

Title (fr)

Dispositif de déchirement rapide d'une bande dans une machine de rembobinage

Publication

EP 2676906 B1 20170823 (EN)

Application

EP 12172520 A 20120619

Priority

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Abstract (en)

[origin: EP2676906A1] A rapid tearing device of a strip in a rewinder for the winding of paper around a core (15) to produce a log (12), wherein said rewinder essentially comprises a formation area of the log (12), upstream of which there is a conveyor (13) with pushers (14) for moving cores (15) forward into a channel (16) defined by a series of cradles (17) integral with the structure of the rewinder, and by an upper winding roller (18) which is situated above the channel (16), wherein the upper winding roller (18) collaborates with a lower winding roller (19) positioned almost at the final end of the cradles (17), whereas a third oscillating roller (20) is situated above the lower winding roller (19) and acts as a press with the variation in the dimension of the log (12) being formed between the three mentioned rollers (18, 19 and 20), the device essentially consisting of a blade (24), having the dimension of the width of the rollers (18, 19, 20), which can be moved by actuators (31, 35; 30, 22, 25) between a rest position and an engagement position on a core (15) when the core (15) is unloaded from said conveyor (13) by means of an introducer (34) and introduced into the channel (16) thus blocking, between core (15) and blade (24), the paper (11) which is being unwound.

IPC 8 full level

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