

Title (en)
REEL WEB TURN-UP DEVICE

Title (de)
ANWICKELVORRICHTUNG FÜR EINE AUFZUWICKELNDE MATERIALBAHN

Title (fr)
DISPOSITIF D'ENROULEMENT DE BANDE SUR BOBINE

Publication
EP 0907600 B1 20030326 (EN)

Application
EP 97922679 A 19970429

Priority
• US 9707615 W 19970429
• US 66476096 A 19960617

Abstract (en)
[origin: WO9748632A1] Two water jets cut a paper web (26) as it is led over a winder drive roll (36). The water jets are angled with respect to the cut so the water used in the cutting action is entirely directed onto the portion of the web which is severed. An adhesive material, for example an automatically applied tape (24), is introduced between the upper surface of the web (26) and a spool (28) for forming a new reel (32) of paper. The use of an adhesive causes the paper leader to engage with the spool (28), thus assuring a tight, uniform and consistent initiation of the web wrapped onto the new spool (28). An automatic tape applicator (22), similar to that used for taping cardboard boxes, may be used to insert a double-sided adhesive tape (24) onto the web (26) or into the nip (40) formed between the spool (28) and the winder drum (36).

IPC 1-7
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IPC 8 full level
B26F 3/00 (2006.01); **B65H 19/26** (2006.01); **B65H 19/28** (2006.01)

CPC (source: EP)
B26F 3/004 (2013.01); **B65H 19/265** (2013.01); **B65H 19/28** (2013.01); **B65H 2301/41427** (2013.01); **B65H 2301/41898** (2013.01); **B65H 2301/5151** (2013.01); **B65H 2301/51534** (2013.01); **B65H 2408/236** (2013.01); **B65H 2801/84** (2013.01)

Cited by
DE102016209642A1; DE102019110233A1; AT506850B1; ITMI20111811A1; EP3526395A4; DE102011078372A1; DE112007000237T5; EP2100838A2; DE102008000673A1; DE102008000671A1; US11279582B2; DE102008000475A1; WO2009109503A1; WO2020212002A1

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WO 9748632 A1 19971224; CA 2258533 A1 19971224; CA 2258533 C 20050412; DE 69720214 D1 20030430; DE 69720214 T2 20031211; EP 0907600 A1 19990414; EP 0907600 B1 20030326; JP 3205935 B2 20010904; JP H11513007 A 19991109

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