

Title (en)

METHOD AND APPARATUS FOR SPLICING SUCCESSIVE WEB ROLLS

Publication

**EP 0166884 B1 19880302 (EN)**

Application

**EP 85104777 A 19830808**

Priority

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Abstract (en)

[origin: EP0166884A1] The web leading edge (E) of a paper roll (R2) for a rotary press or the like is held and prevented from raveling by three or more pieces of strong adhesive tape (Ta) during handling and loading onto a paper feed machine of the printing press. On the paper feed machine, perforated tear lines (123) are formed across the tape pieces (Ta) by a device comprising a rotary perforating wheel (162), a mechanism for moving the wheel from one end to the other of the roll (R2) and also moving it against and away from all of the tape pieces (Ta), and a tape detecting device (BS) and a controller (165) for automatically operating the mechanism. The tape pieces (Ta) can then be easily torn to release the web leading edge (E) immediately prior to web splicing.

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IPC 8 full level

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Cited by

CN106573743A; EP0325306A3; US5902448A; EP0316949A3; US4964583A; DE4424901A1; EP0695711A3; DE4424901C2;  
DE102008028165A1; EP2428478A3; CN103660080A; EP0692445A1; US5795638A; EP0866010A3; EP0866011A3; CN104943026A;  
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