

Title (en)

Flying roll changer in a rotary printing machine

Title (de)

Fliegender Rollenwechsler in einer Rollenrotationsdruckmaschine

Title (fr)

Changeur de bobines à la volée dans une imprimante rotative

Publication

**EP 1223134 A3 20030709 (DE)**

Application

**EP 01128896 A 20011205**

Priority

DE 10060757 A 20001207

Abstract (en)

[origin: US6629664B2] A flying reel changer includes first drive means for rotating the new paper reel at a minimum splice speed and second drive means for accelerating the old paper reel from either standstill or crawl speed to a speed which substantially corresponds to the minimum splice speed. The flying reel changer includes actuating means that, while the old paper reel is being accelerated from the first state, moves the dancer roll such that a substantially uniform tension is maintained in the paper web. The flying reel changer also includes joining means that joins the old paper web and the new paper web together while the old paper web and the new paper web are moving at the minimum splice speed.

IPC 1-7

**B65H 19/18**

IPC 8 full level

**B65H 19/16** (2006.01); **B65H 19/18** (2006.01)

CPC (source: EP US)

**B65H 19/1821** (2013.01 - EP US); **B65H 19/1868** (2013.01 - EP US); **B65H 19/1889** (2013.01 - EP US); **B65H 2511/212** (2013.01 - EP US)

C-Set (source: EP US)

**B65H 2511/212** + **B65H 2220/01**

Citation (search report)

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Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**US 2002104450 A1 20020808**; **US 6629664 B2 20031007**; AT E281392 T1 20041115; DE 10060757 A1 20020613; DE 50104378 D1 20041209; EP 1223134 A2 20020717; EP 1223134 A3 20030709; EP 1223134 B1 20041103; JP 2002179302 A 20020626

DOCDB simple family (application)

**US 642801 A 20011207**; AT 01128896 T 20011205; DE 10060757 A 20001207; DE 50104378 T 20011205; EP 01128896 A 20011205; JP 2001374693 A 20011207